Saskatchewan
Energy and Mines

Miscellaneous Report 88-6
(Supersedes Miscellaneous Report 84-6)

Assessment Work Catalogue, Southern Area, Saskatchewan

by Richard W. Bennett

1988

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Mineral Development Branch

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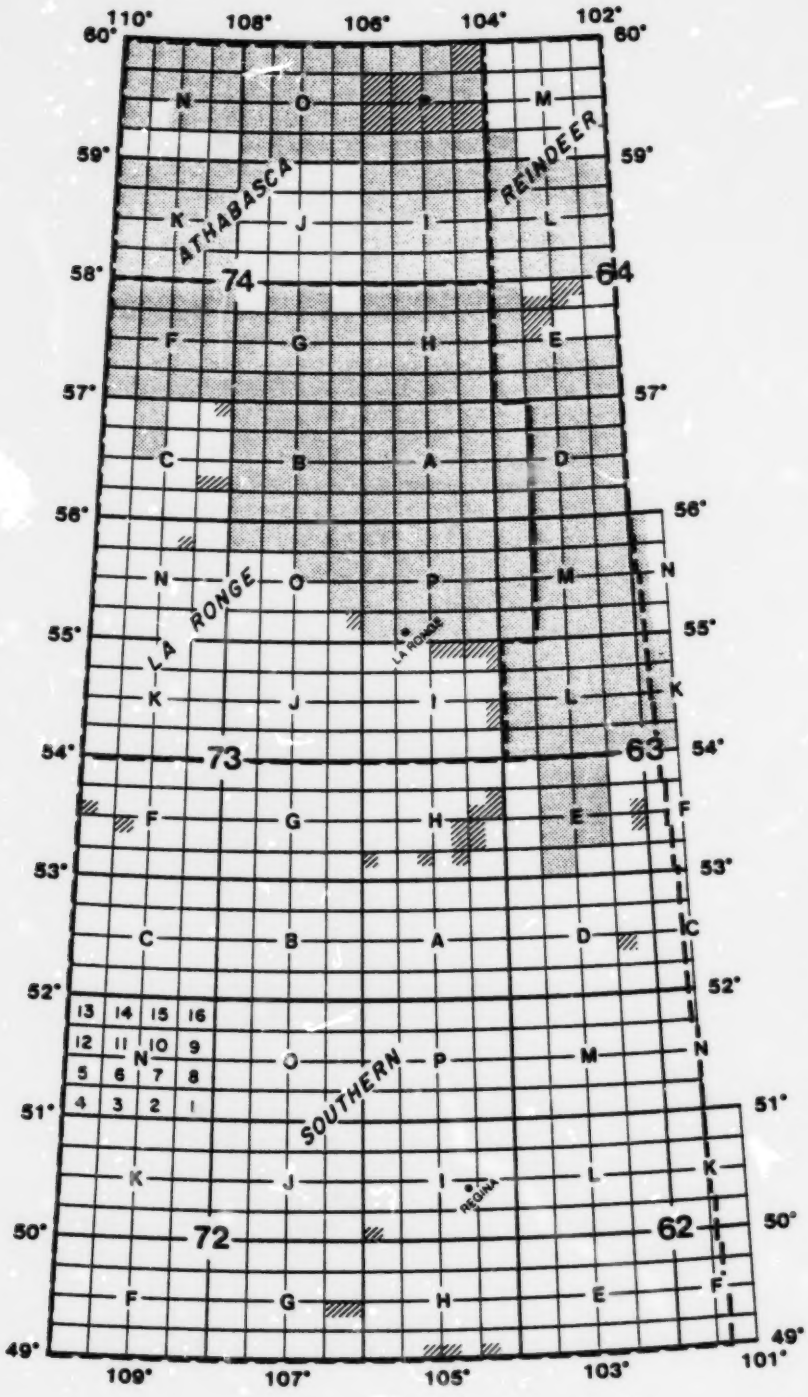
CONTENTS

Introduction		iv
Abbreviations		iv
Index map		facing 1
NTS	62-E	1
	62-K	2
	62-M	3
	63-C	3
	63-D	4
	63-E	4
	72	11
	72-E, F, J, K, N and 73-C	12
	72-E, F, G, H	12
	72-F	13
	72-G	16
	72-H	18
	72-I	24
	72-J	25
	72-K	27
	72-N	28
	72-O	28
	72-P	29
	73	31
	73-A	32
	73-B	32
	73-C	33
	73-F	34
	73-G	35
	73-H	35
	73-J	37
Property Index		38
	Claims	38
	Claim Blocks	38
	Mineral Prospecting Permits	39
	Prospecting Permits	39
	Subsurface Mineral Prospecting Permits	40
	Coal Prospecting Permits	41
	Leases	41
	Coal Reservation	41
	Special Agreement	42
	Other Areas	42



Mining District Boundary

Mining Recording Office — REGINA

Mineral Disposition Maps

One inch to one-half mile (1:31,680)

One inch to fifty-thousand inches (1:50,000)

INTRODUCTION

This is the second edition of a catalogue of assessment work in Saskatchewan south of 54° latitude - the Southern Mining District. The entries are records of work submitted in compliance with regulations under The Mineral Resources Act (specifically The Crown Minerals Act, 1986, The Mineral Disposition Regulations, 1961 and 1966; The Quarrying Regulations, 1957; The Coal Mining Regulations, 1957; The Subsurface Mineral Regulations, 1960, and Alkali Mining Regulations).

The assessment work is grouped according to the National Topographic System of numbering map sheets. Each entry follows this format:

COMPANY (or CLAIM HOLDER)	Type of work
Geographical location	Report, number of maps, author
PROPERTY	Assays, analyses, tests
Land description (or latitude and longitude)	
File number	Date of work

Confidential files (as of March 1, 1987) are indicated by an asterisk after the date. A property index of claims, claim blocks, permits and other areas commences on page 38.

Non-confidential assessment files may be examined at Saskatchewan Energy and Mines in Regina (12th floor, Toronto-Dominion Bank Building, 1914 Hamilton Street). Although not listed here, records of potash, coal and other test holes submitted under The Geophysical Exploration Regulations, 1964 or The Oil and Gas Conservation Act are also available for examination at Saskatchewan Energy and Mines.

Word processing of the text was by Jagdish Bilkhu.

ABBREVIATIONS

Ag	Silver	Th	Thorium	E M	electro-magnetic
Au	Gold	Ti	Titanium	G	gamma ray
Ba	Barium	Zn	Zinc	I	indian reserve
C	Carbon			LSD	legal subdivision
Cl	Chlorine			MPP	mineral prospecting permit
Cu	Copper	dh	drill hole	N	neutron
Fe	Iron	ddh	diamond drill hole	R	resistivity
H	Hydrogen	rdh	rotary drill hole	SMDC	Saskatchewan Mining Development Corporation
He	Helium	C	caliper	SP	self-potential
Ni	Nickel	CBS	claim block	SPC	Saskatchewan Power Corporation
N	Nitrogen	C.R.	cross-reference file	SRC	Saskatchewan Research Council
O	Oxygen	D	density	XRF	X-ray fluorescence
Pb	Lead	DST	drill stem test		
Po	Polonium	E	electrical		
S	Sulphur	EIS	environmental impact study		
Rn	Radon				

62-E-2

ESTEVAN BRICK
Estevan area
PROSPECTING PERMIT NO 2 (clay)
East half Section 7-14-2-8W2
62E02-0001

10 rdh logs
(#1, 1A, 2, 2A, 4, 6, 8, 10, 17, 18)
2 project reports by J H Hudson
Test results (colour, shrinkage etc)
1978

LUSCAR LTD
Estevan area
COAL PROSPECTING PERMITS Nos 43 and 44
Township 1 Ranges 5 and 6W2
62E02-0005

89 rdh (# 86-01 to 86-86, SHA 86-72,74,76)
all holes gamma, density and resist. logged
Drill summary, 1 map, logs by Luscar Ltd.
Summer 1986 *

MANITOBA AND SASKATCHEWAN COAL COMPANY LIMITED
Bienfait area
BIENFAIT EXPANSION PROJECT (coal)
Township 2 Range 6W2
62E02-0004

Project proposal
(Environmental impact study)
1978

S P C
Estevan area
COAL PROSPECTING PERMITS Nos 7 to 20
Township 1 and 2 Ranges 7 to 9W2
62E02-0003

Estimate of recoverable coal reserves
Report, map, by R L Cheesman
1972

UTILITY COALS LTD
Estevan area
COAL PROSPECTING PERMIT No 10
Sections 10, 11, 14 Township 2 Range 7W2
62E02-0002

21 drillers' logs
(#EM 1-69 to 16-69, 18-69 to 22-69)
Report, 2 maps, by P H Shirley
Coal analyses: (cuttings)
1969 *

62-E-3

ESTEVAN BRICK
Estevan area
PROSPECTING PERMIT No 3 (clay)
Lsd 12-18-2-8W2
62E03-0001

18 core logs
(dh #1 to 16, 2A, 10A)
Drill report - 3 pages
1971

S P C
Boundary Dam area
Twelve sections (mostly S P C COAL PERMITS)
Townships 1 and 2 Ranges 8 and 9W2
62E03-0002

108 test hole logs (driller's/gamma)
(#SPC M-1 to 108)
Coal evaluation report, 4 maps, by O P Lesiuk
1966

S P C
Boundary Dam area
Mined-out COAL LEASES
Townships 1 and 2 Ranges 8 and 9W2
62E03-0003

Evaluation of lower coal seam
31 driller's, E and lithological logs
(#ME 1 to 31)
6 combined logs (lithology, E D G C)
Report, map, by Montreal Engineering
Coal analyses (cuttings and core)
1972

* confidential

62-E-6

RURAL MUNICIPALITY of CYMRI No 36
Souris River-Dead Lake area
PROSPECTING PERMIT No 1 (sand and gravel)
North half Section 8-4-11W2
62E06-0001

Location plan proposed gravel pit (Y-6660)
Brief note - material unsuitable (dirt and clay)

1981 *

62-E-11

UTILITY COALS LTD
Stoughton area
COAL PROSPECTING PERMITS Nos 45 to 49
Township 8 Range 8W2
62E11-0001

11 driller's logs
(#STM 1-72 to 11-72)
Brief report, map, by P H Shirley

1972

62-K-12

CANBERRA OIL COMPANY
Spy Hill-Marchwell area
SUBSURFACE MINERAL PROSPECTING PERMIT No.1
Townships 19 and 20 Range 30W1
62K12-0002

Exploratory drilling
3 well reports by S Hegion (including core descriptions, DSTs, chemical analyses)
Analyses: potash (core)

1961-62

INTERNATIONAL MINERALS & CHEMICAL CORPORATION (CANADA) LTD
Yarbo-Gerald area
SUBSURFACE MINERAL PROSPECTING PERMITS Nos 1 & 2
Townships 19 to 21 Ranges 31 to 33W1
62K12-0001

17 potash core tests including Yarbo #17S (shaft pilot hole)
2 reports of activities by Nelson C White
1956 - 2 maps location, grade
1957 - 3 photos shaft sinking, mill site plan

1957-57 *

62-K-13

POTASH CORPORATION OF SASKATCHEWAN
Bredenbury-Churchbridge area
SUBSURFACE MINERAL PROSPECTING PERMIT KP-262
Townships 22 and 23 Ranges 32W1 to 1W2
62K13-0001 to 0004

Seismic Survey by Northern Geophysical
Final report, 20 maps, by Bediz Exploration Consultants Ltd (July 1981)

1979 *

7 exploratory wells
(#6-20, 1-22, 16-28, 13-30, 16-36-22-32W1;
5-10, 13-22-23-32W1)
7 engineering reports by R H Brown
(including logs, sample and core description, DSTs, water and core analyses, directional surveys etc)

1980-81 *

Geotechnical and hydrogeological study of two shaft pilot holes
Report, Appendices A to M, by Scott-Ortech Mining Ltd (seven volumes)
2 core descriptions by R H Brown

1981-82 *

* confidential

62-K-13 continued

(Environmental Impact Study Proposed Bredenbury Potash Mine by PCS Mining Limited filed with Saskatchewan Environment)
Quaternary and bedrock geology (log study) by E A Christiansen
Analyses: water quality, hydrologic (EIS)
1982 *

62-M-2

RURAL MUNICIPALITY OF ORKNEY No 244
Yorkton, Saskatchewan area
PROSPECTING PERMIT No 1 (gravel)
Section 11 (NW 1/4) Township 25 Range 6W2
62M02-0002

9 backhoe test holes
Brief letter by J Gazdewich
1984

RURAL MUNICIPALITY OF ORKNEY No 244
Yorkton, Saskatchewan area
PROSPECTING PERMIT No 2 (gravel)
Township 25 Range 6W2
62M02-0001

Backhoe test hole in NE-11-25-6W2
Statement of expenditure and location map
1986

62-M-6

RURAL MUNICIPALITY of GARRY No 245
Parkerview area
PROSPECTING PERMIT No 1 (gravel)
Southwest Section 28-27-9W2
62M06-0001

Test hole drilling (backhoe)
Letter by J T Kuziak
Tests: visual only
(Part now lease Y-6399)
1978 *

62-M-11

APOLLO MINERALS LTD
Sheho-Invermay-Margo area
SUBSURFACE MINERAL PROSPECTING PERMIT No 1
Townships 30 to 32 Range 9W2 and
Township 32 Range 10W2
62M11-0001

Geological study of potash prospect Theodore area by J C Sproule and Associates
Report, 1 cross section, 4 maps, 6 analyses charts, by H Gorrell
1966

63-C-13

NORTHERN SILICA LIMITED
Red Deer River area
SPECIAL AGREEMENT (silica sand)
Sections 13 to 30 Township 46-30W1
63C13-0001

19 dh records, 4 sections, sampling plan
Report on reserves, 5 figs, by C A L Hogg
4 reports on test results by Britton Research
Mineralogy by J A Chamberlain (Dolmage-Campbell)
Assays:
Tests: screening; flotation; scrubbing
1968 *

* confidential

63-C-13 continued

RED DEER SILICA INC
Red Deer River Saskatchewan area
PROSPECTING PERMIT No 1 (silica sand)
Sections 13-30 Township 46 Range 30W1
63C13-0002

Property investigation and deposit sampling
Project assessment report by G L Colborne
4 Department maps
Analyses:
Note: Armit River Deposit

1986 *

63-D-2

W F BOTKIN CONSTRUCTION LTD
Lady lake area
PROSPECTING PERMIT No 4 (sand, gravel, rock)
Sections 2, 11, 14-35-5W2
63D02-0001

Brief note by W F Botkin (June 27)

1978

63-D-14

GULF MINERALS CANADA LTD
Mistatim area
PERMIT No 20 (later MPP 1044)
Lsd 5-17-45-10W2
63D14-0001

2 ddh records
(#5A and 5B abandoned in Blairmore/Souris R)
Assessment report by Paul Beck
Analyses: Cu Pb Zn (core)

1978

63-D-16-SE

S M D C/RED DEER SILICA LTD
Hudson Bay area HUDSON BAY CEMENT PROJECT
PROSPECTING PERMITS Nos 1 to 3
Townships 43 to 45 Ranges 2 to 4W2
63D16-SE-0001

Surface stream traversing and sampling program
35 rdh (# HB-6-1 to HB-6-35)
Report, 1 map by T Walker and S McHardy
Analyses:

Fall 1986 *

63-E-3

S M D C
Pasquia Hills-northwest area
MPP 1090 (formerly Permit No 30)
Townships 48 to 51 Ranges 8 to 11W2
63E06-0008

9 rdh records, gamma and E logs
(#P-1 to 9, c 400' - no gamma log for #9)
Water geochemical sampling
Summary report, 6 maps and 12 cross-sections, by T Walker
Analyses: U HCO_3 (water)
Analyses: U Cu Pb Zn Va Se S Fe_2 (core)
Analyses: U Cu Zn (rock)

1978

S M D C
Carrot River area
MPP 1090 (formerly Permit No 30)
Township 50 Ranges 8 and 9W2
63E06-0007

12 rdh records, gamma and E logs
(#P-10 to 21)
Report, 3 maps, 5 sections by T Walker

1979

* confidential

63-E-3 continued

S M D C
Carrot River area
MPP 1090 (formerly Permit No 30)
Township 50 Ranges 8 and 9W2
63E06-0009

12 rdh records (# P-22 to 28, 30 to 32, 35 to 38)
Report, 13 maps, 7 sections by T Walker

1980

S M D C
Pasquia Hills-northwest area
MPP 1090 (formerly Permit No 30)
Townships 48 to 51 Ranges 8 to 11W2
63E03-0004

9 rdh records, E SP Resist Ra logs (#P-1 to 9, c 400' - no gamma log for #9), well water geochemical sampling
Report, 6 maps, 12 sections by T Walker
Analyses

1978

UNIVERSAL EXPLORATIONS LTD
Carrot River area
CBS 4000 4001 4006 4778 4939
Townships 49 to 51 Ranges 7 to 8W2
63E03-NE-0003

Test pitting and shallow core hole drilling
Report and analyses by M L Larson

1979

UNIVERSAL EXPLORATIONS LTD
Carrot River-Smoky Burn area
CBS 4000
Township 50 Range 8W2
63E06-SE-0004

Magnetometer, scintillometer, geochemical and track etch surveys
2 reports, 7 maps by M L Larson and Terradex

1979

Carrot River-Smoky Burn area
CBS 4006
Township 50 Range 7W2
63E06-SE-0006

Geochemical and track etch surveys
2 reports, 7 maps, by M L Larson and Terradex

1979

UNIVERSAL EXPLORATIONS LTD
Carrot River-Smoky Burn area
CBS 4000
Township 49 Range 8W2
63E06-SE-0005

Magnetometer, scintillometer, geochemical and Track Etch surveys
2 reports, 7 maps, by M L Larson and Terradex

1979

UNIVERSAL EXPLORATIONS LTD
Carrot River-Smoky Burn area
CBS 4001
Township 49 Range 8W2
63E03-0002

Magnetometer, scintillometer, geochemical and Track Etch surveys
Report, 5 maps, by M L Larson
Track etch report, 2 maps by Terradex

1979

UNIVERSAL EXPLORATIONS LTD
Carrot River area
CBS 4939
Township 49 Range 8W2
63E03-NE-0001

Magnetometer, scintillometer, geochemical and Track Etch surveys
2 reports, 7 maps, by M L Larson and Terradex

1979

63-E-6

S M D C
Pasquia Hills-northwest area
MPP 1090 (formerly Permit No 30)
Townships 48 to 51 Ranges 8 to 11W2
63E06-0008

9 rdh records, gamma and E logs
(#P-1 to 9, c 400' - no gamma log for #9)
Water geochemical sampling
Summary report, 6 maps and 12 cross-sections, by T Walker
Analyses: U HCO_3 (water)
Analyses: U Cu Pb Zn Va Se S Fe_2 (core)
Analyses: U Cu Zn (rock)

1978

* confidential

63-E-6 continued

S M D C
Carrot River area
MPP 1090 (formerly Permit No 30)
Township 50 Ranges 8 and 9W2
63E06-0007

12 rdh records, gamma and E logs
(#P-10 to 21)
Report, 3 maps, 5 cross sections by T Walker

1979

S M D C
Carrot River area
MPP 1090 (formerly Permit No 30)
Township 50 Ranges 8 and 9W2
63E06-0009

14 rdh records (# P-22 to 28, 30 to 32,
35 to 38)
Report, 13 maps, 7 sections by T Walker

1980

UNIVERSAL EXPLORATIONS Ltd
Carrot River-Smoky Burn area
CBS 4000
Township 50 Range 8W2
63E06-SE-0004

Magnetometer, scintillometer, geochemical
and Track Etch surveys
2 reports, 7 maps, by M L Larson and Terradex

1979

UNIVERSAL EXPLORATIONS LTD
Carrot River-Smoky Burn area
CBS 4001
Township 49 Range 8W2
63E06-SE-0005

Magnetometer, scintillometer, geochemical
and Track Etch surveys
2 reports, 7 maps, by M L Larson and Terradex

1979

UNIVERSAL EXPLORATIONS LTD
Carrot River-Smoky Burn area
CBS 4005
Township 51 Range 8W2
63E06-NE-0001

Magnetometer, scintillometer, geochemical
and Track Etch surveys
2 reports, 7 maps, by M L Larson and Terradex

1979

UNIVERSAL EXPLORATIONS LTD
Carrot River-Smoky Burn area
CBS 4006
Township 50 Range 7W2
63E06-SE-0006

Magnetometer, scintillometer, geochemical
and Track Etch surveys
2 reports, 7 maps, by M L Larson and Terradex

1979

UNIVERSAL EXPLORATIONS LTD
Carrot River area
CBS 4940
Township 51 Range 7W2
63E06-NE-0002

Magnetometer, scintillometer, geochemical
and Track Etch surveys
2 reports, 7 maps, by M L Larson and Terradex

1979

UNIVERSAL EXPLORATIONS LTD
Carrot River area
CBS 4940
Township 51 Range 7W2
63E07-NE-0007

Magnetometer, scintillometer, geochemical
and track etch surveys
2 reports, 7 maps, by M L Larson and Terradex

1979

UNIVERSAL EXPLORATIONS LTD
Carrot River-Smoky Burn area
CBS 6906
Township 51 Range 7W2
63E06-NE-0003

Magnetometer, scintillometer, geochemical
and Track Etch surveys
2 reports, 7 maps, by M L Larson and Terradex

1979

UNIVERSAL EXPLORATIONS LTD
Cracking River-Smoky Burn area
CBS 6906
Township 51 Range 7W2
63E07-0008

Magnetometer, scintillometer, geochemical
and track etch surveys
2 reports, 7 maps by M L Larsen and Terradex

1979

* confidential

63-E-7

BEDFORD PETROLEUMS LTD
Red Earth Indian Reserve area
CBS 6880
Townships 51 and 52 Range 7W2
63E07-NW-0012 and 0015

Heavy metal geochemical sampling survey
by W M Morrison
Report and map
1978

Uranium and helium-in-soil surveys
Report, 2 maps, by W M Morrison
1980

BEDFORD PETROLEUMS LTD
Red Earth Creek area
CBS 6895
Township 51 Range 7W2
63E07-0021

Uranium and total heavy metal soil survey,
ground radiometric survey
Report, 4 maps, by W M Morrison
Analyses: U heavy metals (soil)
1981

BILLARD, ROBERT ARTHUR
Red Earth Creek area
CBS 6895
Township 51 Range 7W2
63E07-0030 and 0031

Scintillometer survey, soil sampling (metals),
soil gas sampling (helium)
Report, 4 maps, by W M Morrison
Analyses: U Cu Pb Zn Ni He (soil samples)
1982

Radon-in-soil gas survey
Report, map, by W M Morrison
Analyses: Rn (soil gas)
1983

CADILLAC EXPLORATIONS LTD
Red Earth Indian Reserve area
CBS 6880
Townships 51 and 52 Range 7W2
63E07-NW-0009

Radon-in-soil and gamma ray radiation survey
Report by W M Morrison
1977

DEPARTMENT INDIAN AND NORTHERN DEVELOPMENT
Red Earth area
INDIAN RESERVE No 29 29A, CBS 6904 6905 6948
Townships 51 and 52 Ranges 6 and 7W2
63E07-0017

Water sampling report by P S Friesen
Analyses: Multi-element (water)
1978

DEPARTMENT INDIAN AND NORTHERN DEVELOPMENT
Red Earth Indian Reserve area
Permit H-112 and CBS 6948
Townships 51 and 52 Range 6W2
63E07-NW-0033

2 ddh (#41 and 42-15-32-51-6W2) core, chip
litho descriptions, radiometric, porosity
core test
Report, 1 map by W M Morrison
Analyses: He N_2 O_2 CH_4 C_2H_6 Rn (DST-gas)
Analyses: Ca Mg Na Fe Cl HCO_3 SO_4 He
(DST-water)
Analyses: U_3O_8 Heavy metals (core)
1976

DEPARTMENT INDIAN AND NORTHERN DEVELOPMENT
Cracking River area
CBS 6905
Township 51 Range 7W2
63E07-0020

Magnetometer, scintillometer, geochemical
and Track Etch surveys
Report, 3 maps, by M L Larson
1979

DEPARTMENT INDIAN AND NORTHERN AFFAIRS
Cracking River area
CBS 6905
Township 51 Range 7W2
63E07-NW-0026

Ground radiometric survey
Report, 2 maps, by B Putz
1983

* confidential

63-E-7 continued

HEATH, COLIN LEE
Red Earth Creek area
CBS 6895
Township 51 Range 7W2
63E07-0010

Ground scintillometer, radon-in-soil, total metal surveys
Report by W M Morrison
1978

MARTMON EXPLORATIONS LTD
Red Earth Indian Reserve area
CBS 6945
Township 51 Range 6W2
63E07-NW-0001, 0013, 0014 and 0025

Ground magnetic survey report, 6 maps, by E M Estabrooks
Radon survey report and map by W M Morrison
Calstan Pasquia Hills #2-8 lithology and G-N log (1958)
Report on Red Earth Indian Reserve exploration by J W Davis
1977

Ground E M and radiometric surveys
Report, 5 maps, by L C Card
1978-79

Soil and soil gas geochemical survey
Report, 2 maps, by W M Morrison
Analyses: U_3O_8 (soil)
1980

Soil and soil gas sampling
Report, 2 maps, by W M Morrison
Analyses: U Cu Pb Zn Ni Po Th (soil) He (gas)
1981

MARTMON EXPLORATIONS LTD
Red Earth Indian Reserve area
CBS 8370
Township 51 Ranges 6 and 7W2
63E07-0016, 0018, 0029 and 0032

Helium-in-soil-gas, heavy metal and ground radiometric survey
Report, 3 maps, by W M Morrison
1981

Helium-in-soil-gas, soil sampling (metals)
Report, 2 maps, by W M Morrison
Analyses
1982

Radon in soil gas survey
Report, map, by W M Morrison
1983

Scintillometer survey, soil sampling (uranium & mixed metals; polonium 210)
Report, 2 maps, by W M Morrison
Analyses: U Cu Pb Zn Ni Po (soil samples)
1984

PREFONTAINE, H
Carrot River area
CBS 6881 and 6893
Townships 51 and 52 Ranges 6 and 7W2
63E07-0003

Gas seep sampling
Property evaluation report, map, by L B Halferdahl (1978)
1976

PREFONTAINE, H
Carrot River area
CBS 6881
Township 52 Range 7W2
63E07-0004

Radon-in-soil and water sampling, scintillometer reading
Report by W M Morrison
1978

* confidential

63-E-7 continued

PRICE MANAGEMENT
Highway 163-Red Earth Creek area
CBS 6934
Township 51 Ranges 6 and 7W2
63E07-NW-0022

Soil and soil gas sampling
Report, 4 maps, by W M Morrison
Analyses: U Cu Pb Zn Ni Po (soil) He (soil gas)
1981-82

PRICE MANAGEMENT
Highway 163-Red Earth Creek Area
CBS 8465 (reduction of CBS 6934)
Township 51 Ranges 6 and 7W2
63E07-NW-0023

Ground radiometric survey, soil and soil gas sampling
Report, 4 maps, by W M Morrison
Analyses: U Cu Pb Zn Ni (soil) He (soil gas)
1982-83

RED EARTH INDIAN BAND-DINA
Red Earth area
CBS 6948
Townships 51 and 52 Range 6W2
63E07-NW-0002

Ground scintillometer and radon gas survey report by W M Morrison
1976-77

RED EARTH INDIAN BAND-DIAND
Red Earth area
CBS 6948
Townships 51 and 52 Range 6W2
63E07-NW-0019

Magnetometer, scintillometer, geochemical and Track Etch surveys
Report, 3 maps, by M L Larson
1979

RED EARTH INDIAN BAND
Red Earth area
CBS 8531 to 8533, 8834 and IR 29
Townships 51 and 52 Ranges 6 and 7 W2
63E07-NW-0027

Reconnaissance radiometric survey, detail surveys CBS 8533 and IR
Report, 3 maps, by B Putz
Report, 2 maps, by A Harris
1983-84

RED EARTH INDIAN BAND
Cracking River area
CBS 8534
Township 51 Range 7W2
63E07-NW-0028

Ground radiometric surveys
Report, map, by B Putz
Report, 2 maps, by A Harris
1983-84

UNIVERSAL EXPLORATIONS LTD
Cracking River area
CBS 4778
Township 51 Range 7W2
63E07-NW-0006

Magnetometer, scintillometer, geochemical and Track Etch surveys
2 reports, 7 maps, by M L Larson and Terradex
1979

UNIVERSAL EXPLORATIONS LTD
Cracking River area
CBS 4940
Township 51 Range 7W2
63E07-NW-0007

Magnetometer, scintillometer, geochemical and track etch surveys
2 reports, 7 maps, by M L Larson and Terradex
1979

UNIVERSAL EXPLORATIONS LTD
Carrot River area
CBS 4940
Township 51 Range 7W2
63E06-NE-0002

Magnetometer, scintillometer, geochemical and Track Etch surveys
2 reports, 7 maps, by M L Larson and Terradex
1979

UNIVERSAL EXPLORATIONS LTD
Carrot River area
CBS 6881 and 6893
Townships 51 and 52 Ranges 6 and 7W2
63E07-0011

Ground magnetic and radiometric survey
Report, 8 maps, by M L Larson
1979

* confidential

63-E-7 continued

UNIVERSAL EXPLORATIONS LTD
Cracking River-Smoky Burn area
CBS 6906
Township 51 Range 7W2
63E07-0008

Magnetometer, scintillometer, geochemical and track etch surveys
2 reports, 7 maps, by M L Larson and Terradex

1979

UNIVERSAL EXPLORATIONS LTD
Carrot River-Smoky Burn area
CBS 6906
Township 51 Range 7W2
63E06-NE-0003

Magnetometer, scintillometer, geochemical and Track Etch surveys
2 reports, 7 maps, by M L Larson and Terradex

1979

WELLS D and B & F BRADSHAW
Red Earth-Halfway Creeks area
CBS 6898
Townships 50 and 51 Range 6W2
63E07-SW-0024

Soil and soil gas sampling
Report, 2 maps, by W M Morrison
Analyses: U Cu Pb Zn Ni Th (soil) He (gas)

1981

WYOMING MINERALS CORPORATION
Red Earth area
COMAPLEX PERMIT No 10 (now MPP 1105) and
CBS 4003, 4778 to 4781
Lat 53-15 to 47 Long 102-45 to 103-03
63E07-0005

Lake water and sediment sampling
Evaluation report, 9 maps by P S Friesen

1978

63-E-10

WYOMING MINERALS CORPORATION
Red Earth area
COMAPLEX PERMIT No 10 (now MPP 1105) and
CBS 4003, 4778 to 4781
Lat 53-15 to 47 Long 102-45 to 103-03
63E010-0001 (C.R.: 63E07-0005)

Lake water and sediment sampling
Evaluation report, 9 maps by P S Friesen

1978

63-E-11

COMINCO LTD
Squaw Rapids area
MPP 1144 and part MPP 1151
Lat 53-52 to 54-00 Long 103-00 to 103-20
63E14-0002 and 0001

Airborne E M and magnetic test survey
2 reports, 6 maps, flight tapes by M Konings, K N Hendry and Questor Surveys

1984 *

Ground E M (UTEM) and magnetic surveys - 8 grids, Input follow-up
Report, 21 plates, by K N Hendry

1985 *

COMINCO LTD
Squaw Rapids area
Mpp 1144 (part)
Lat 53-42 to 45 Long 103-00 to 20
63E11-0003

Ground gravity and magnetic surveys along the highway
Report, and profile by R W Holroyd

1984 *

COMINCO LTD
Squaw Rapids area
Part MPP 1144
Lat 53-55-00 to 59-00 Long 103-01-30 to 04-30
63E14-0004

3 ddh records, sections, deviation surveys (# SR-1 to 3) and 1 map by R W Kipling

1986 *

* confidential

63-E-14

UNIVERSAL EXPLORATIONS LTD
Kennedy Lake area
CBS 6894
Townships 53 and 54 Ranges 7 and 8W2
63E11-NE-0001

Magnetometer, scintillometer, geochemical and Track Etch surveys
2 reports, 7 maps, by M L Larson and Terradex
1979

COMINCO LTD
Squaw Rapids area
MPP 1144 and part MPP 1151
Lat 53-32 to 54-00 Long 103-00 to 103-20
63E14-0001 and 0002

Airborne E M and magnetic test survey
2 reports, 6 maps, flight tapes by M Konings, K N Hendry and Questor Surveys
1984 *

Ground E M (UTEM) and magnetic surveys - 8 grids, Input follow-up
Report, 21 plates, by K N Hendry
1985 *

COMINCO LTD
Squaw Rapids area
Part MPP 1144 and 1151
Lat 53-52 to 45 Long 103-00 to 18
63E14-0002

Grid UTEM and magnetic surveys
8 grids, Input survey followup
Report, 21 plates by K N Hendry
1985 *

COMINCO LTD
Squaw Rapids area
Part MPP 1144
Lat 53-55-00 to 59-00 Long 103-01-30 to 04-30
63E14-0003

Grid UTEM and magnetic surveys (5 grids)
3 ddh sections (# SR-1 to 3)
Report, 11 plates by B Lum
1986 *

COMINCO LTD
Squaw Rapids area
Part MPP 1144
Lat 53-55-00 to 59-00 Long 103-01-30 to 04-30
63E14-0004

3 ddh records, sections, deviation surveys (# SR-1 to 3) and 1 map by R W Kipling
1986 *

63-E-15

S M D C
Saskatchewan River Delta-Hanson Lake south area
PERMIT No 29 (now MPP 1089)
Lat 53-47 to 54-14 Long 102-45 to 103-02
63E15-0001 (C.R.: 63L02-0003)

Airborne E M (Input) and magnetic survey by Questor
Report, 8 maps
1978

72

EKATON INDUSTRIES INC
Eastend and Wood Mountain areas
PROSPECTING PERMITS Nos 1 to 9 and 12 and 13 (kaolinite)
Townships 4-6 Ranges 2-5W3 and Townships 5-6 Ranges 19, 20, 22W3
72-0002

110 Rdh (#WM85-1 to 100 and ED85-1 to 10) records drilled on the Eastend and Wood Mountain permits, geological mapping, sampling, reserves calculation and feasibility study
Report, 12 maps by P P Master
Progress report by J Hudson
Tests:
OPEN HOLES: WM85-4 to 7,15,18,19,22,23,50,57, 66 to 68, 71 to 83, 88 to 90, 93 to 98, 100 and ED85-1 to 10
1985 *

* confidential

Parts of 72E, F, J, K, N and 73C

MANITOBA AND SASKATCHEWAN COAL CO LTD
West-Central Saskatchewan
SASKATCHEWAN COAL RESERVATION
Townships 18 to 20 Ranges 6 and 7W3
Townships 26 to 40 Ranges 18 to 28W3
Townships 11 to 13 Ranges 26W3 to 3W4
72-0001

Test hole drilling (Edmonton, Brock, Glidden Unity, Muddy L, Salvador, Luseland, Dodsland, Kerrobert, Smiley, Vermilion Hills, Bitter L)
99 driller's logs
Exploration report, map, by R Spence Taylor

1967

Parts of 72E, F, G and H

DOME PETROLEUM LTD
Cypress Hills-Wood Mountain area
including PERMITS Nos 1 and 2
Townships 1 to 6 Ranges 21W2 to 10W3 and
Townships 4 to 11 Ranges 14W3 to 5W4
72F-0002

Airborne radiometric survey by
Canadian Aero Mineral Surveys
(report and flight lines only, nil anomalies)

1967

RAVENSCRAG URANIUM LTD
Cypress Hills-Willow Bunch area
PERMITS Nos 1 and 2, CBS 3281 to 3294,
S-109315 to 109346 claims
Townships 2 to 10, Ranges 27W2 to 30W3
72F-0001

Geological reconnaissance survey and
lignite sampling
Report, map 1:250 000, by J H Stuart Smith
Analyses: U_3O_8

1967

ATHABASCA COLUMBIA MINING LTD
Cypress Hills-Willow Bunch area
PERMITS Nos 1 and 2, CBS 3281 to 3294,
S-109315 to 109346 (RAVENSCRAG farm-out)
Townships 2 to 10 Ranges 27W2 to 30W3
72F-0003, 0004, 0005, 0006, 0007

Ravenscrag holdings report, 3 figs
by L G Morrison

35 sample logs (H-1 to 3, 6 to 12, 21 to 22, 24 to 46)
(Shaunavon-Dollard area T6 to 8, R18 to 20W3)
Preliminary report, drill plan,
by L G Morrison
Assays: U_3O_8 (lignite cuttings)

June 1969

55 gamma, E and sample logs (H-47 to 101)
(Cypress area T6 to 8, R20 to 30W3)
Drilling and logging report, 6 drill plans,
by L G Morrison
Assays: U_3O_8 (lignite cuttings)

September 1969

38 sample logs (H-102 to 107, 109 to 140)
(mostly Shaunavon area T7 and 8, R17 to 19W3
and Stonehenge area T7, R1 and 2W3)
Final report on uraniferous lignite,
(5 figs. 3 drill plans, cross-section,
holdings) by L G Morrison
Analyses: lignite
Assays: U_3O_8 (lignite cuttings)

November 1969

Jason ACR Dollard 11-22-7-19W3
E & sonic logs with geological report
by D L Siemens

1970

NORTHERN NUCLEAR RESOURCES
Southwestern Saskatchewan
URANIFEROUS LIGNITES
Lat 49 to 50 Long 105 to 110
72F-0009

Miscellaneous reports
(Parts 72-F, G, H)

1967-68

Parts of 72E, F, G and H continued

DOME PETROLEUM LTDCOTAIRE EXPLORATION LTD
Cypress Hills-Willow Bunch area
PERMITS Nos 1 to 7, CBS 3250 to 3274,
CBS 3276 to 3278
Townships 1 to 10 Ranges 26W2 to 3W4
72F-0008

991 test hole logs (lithology and gamma probe)
Report on uraniferous lignites including
cross sections and tabulated results by
Intercontinental Resources Inc
(Saskatchewan 5 vols. Alberta 1 vol.)
Assay: U_3O_8 (core sample)

1969

72-F

ATHABASCA COLUMBIA MINING LTD
Cypress Hills-Willow Bunch area
PERMITS Nos 1 and 2, CBS 3281 to 3294,
S-109315 to 109346 (Ravenscrag farm-out)
Townships 2 to 10 Ranges 27W2 to 30W3
72F-0003, 0004, 0005, 0006, 0007

Ravenscrag holdings report, 3 figs
by L G Morrison
35 sample logs (H-1 to 3, 6 to 12, 21 to 22,
24 to 46)
(Shaunavon-Dollard area T6 to 8, R18 to 20W3)
Preliminary report, drill plan, by L G Morrison
Assays: U_3O_8 (lignite cuttings)

June 1969

55 gamma, E and sample logs (H-47 to 101)
(Cypress area T6 to 8, R20 to 30W3)
Drilling and logging report by L G Morrison
Assays: U_3O_8 (lignite cuttings)

September 1969

38 sample logs (H-102 to 107, 109 to 140)
(mostly Shaunavon area T7 and 8, R17 to 19W3
and Stonehenge area T7, R1 and 2W3)
Final report, 3 drill plans, 1 section
by L G Morrison
Final report on uraniferous lignite,
(5 figs. 3 drill plans, cross-section,
holdings) by L G Morrison
Analyses: lignite
Assays: U_3O_8 (lignite cuttings)

November 1969

Jason ACR Dollard 11-22-7-19W3
E & sonic logs with geological report
by D L Siemens

1970

DOME PETROLEUM LTD
Cypress Hills Wood Mountain area
including PERMIT Nos 1 and 2
Townships 1-6 Ranges 21W2-10W3
Townships 4-11 Ranges 14W3-5W4
72F-0002

Airborne radiometric survey by Canadian
Aero Mineral Surveys
Report and flight lines only - nil anomalies

1967

NORTHERN NUCLEAR RESOURCES
Southwestern Saskatchewan
URANIFEROUS LIGNITES
Lat 49 to 50 Long 105 to 110
72F-0009

Miscellaneous reports
(Parts 72-F, G and H)

1968-69

RAVENSCRAG URANIUM LTD
Cypress-Hills-Willow Bunch area
PERMITS Nos 1 and 2, CBS 3281 to 3294,
S-109315 to 346
Townships 2-10 Ranges 27W2-30W3
72F-0001

Recce geological survey and lignite sampling
Report, map by J H S Smith
Analyses: U_3O_8 (rock)

1967

72-F continued

S M D C
Cypress Hills Project
MPP 1091, 1092, 1093
Townships 4 to 12 Ranges 16 to 23W3
72F-0010

35 rdh records, gamma and E logs
(#GH-1 to 8, BCN-1 to 6, E1 to 6, FS-1 to 5, FN-1 to 3, WC-1 to 5)
Car-borne radiometric, groundwater, biogeochemical, radon soil-gas and geological surveys (facies mapping)
Report, 34 maps and 3 sections, by T Walker
Analyses: U (ground water)
1978-79

S M D C
Cypress Hills Project
MPP 1091 1092 1093 1119
Townships 4 to 12 Ranges 16 to 24W3
72F-0011

116 rdh records, gamma and E logs
(# in range 91-9 to 70, 92-9 to 31, 93-1 to 14, 19-1 to 19)
Radon soil-gas surveys, prospecting and facies mapping (MPP 1093)
Report, 16 maps, 24 sections, by T Walker
1980

S M D C
Cypress Hills area
MPP 1091 1092 1119
Townships 6 to 12 Ranges 16 to 24W3
72F-0012

33 rdh records, gamma and E logs
(#91-71 to 73 - MPP 1091, 92-32 to 45 - MPP 1092 - less 4C, 19-16 to 34, 32A - MPP 1119 - less 17, 19)
Drilling report, 10 maps 15 sections, by T Walker
1981

SCOTAIRE EXPLORATION LTD
Cypress Hills-Willow Bunch area
PERMITS Nos 1 to 7, CBS 3250, 3274, CBS 3276 to 3278
Townships 1 to 10 Ranges 26W2 to 3W4
72F-0008

991 test hole logs (lithology and gamma probe)
Report on uraniferous lignites including cross sections and tabulated results by Intercontinental Resources Inc (Saskatchewan 5 vols. Alberta 1 vol.)
Assay: U_3O_8 (core sample)
1969

72-F-6

MEDICINE HAT BRICK AND TILE COMPANY LIMITED
Eastend-Ravenscrag area
PROSPECTING PERMITS Nos 1 and 2 (clay)
Section 13-6-22W3 and
Sections 26 and 27-6-24W3
72F07-0001

7 drill hole logs
(#TH 69-S-4 to 10)
2 location plats
Drying test results
1969

72-F-7

EKATON INDUSTRIES INC
Eastend and Wood Mountain areas
PROSPECTING PERMITS Nos 1 to 9, and 12 and 13 (kaolinite)
Townships 4-6 Ranges 2-5W3 and Townships 5-6 Ranges 19,20,22W3
72-0002

110 rdh records (# WM85-1 to 100 and ED85-1 to 10) drilled on the Eastend and Wood Mountain permits
Geological mapping, sampling, reserves and feasibility study
Report, 12 maps by P P Master
Progress report by J Hudson
Tests:
OPEN HOLES: WM85-4 to 7,15,18,19,22,23,50,57, 66 to 68,71 to 83,88 to 90,93 to 98, 100 and ED85-1 to 10
1985 *

* confidential

72-F-7 continued

MEDICINE HAT BRICK AND TILE COMPANY LIMITED
Eastend-Ravenscrag area
PROSPECTING PERMITS Nos 1 and 2 (clay)
Section 13-6-22W3 and
Sections 26 and 27-6-24W3
72F07-0001

7 drill hole logs
(#TH 69-S-4 to 10)
2 location plats
Drying test results
1969

UTILITY COALS LTD
Shaunavon-Dollard area
COAL PROSPECTING PERMITS Nos 4 to 7, 11 to 33
Townships 5 to 8 Ranges 18 to 20W3
72F09-0002

88 driller's logs
(#SM 30 to 117-70)
Book 1 - 28 logs open, location map
Book 2 - 60 logs confidential, analyses, 3 maps
1970 *

72-F-9

S P C
Fife Lake-Rockglen-Shaunavon-Coal Mine Lake-Killdeer areas
COAL PROSPECTING PERMITS Nos 21 to 228
Townships 1 to 4 Ranges 20W2 to 4W3 and
Townships 6 to 8 Ranges 16 to 19W3
72H-0003 and 72F09-0004

Rotary drilling, sampling and logging
Two evaluation reports by S H Whitaker
(1) April 1972, 30 Figures, (2) April 1973, 7 Figures
(also covering parts of 72-G-1, 72-H-2 3 4 6)
(see file 72G01-0003)
1971-72 *

Rdh, sampling (Ravenscrag Fm) and E, gamma, density hole logging
2 reports, 37 figures by W A Menley
(also covers parts of 72-G-1, 72-H-2, 3, 4, 6)
1971-72 *

UTILITY COALS LTD
Shaunavon area
COAL PROSPECTING PERMITS Nos 4 to 7
Township 7 Ranges 18 and 19W3
72F09-0001

29 driller's logs
(#SM 1 to 29)
Report, map, 1 in=1000 ft, 7 cross sections, by P H Shirley
Coal analyses (cuttings)
1969 *

UTILITY COALS LTD
Shaunavon-Dollard area
COAL PROSPECTING PERMITS Nos 4 to 7, 11 to 33
Townships 5 to 8 Ranges 18 to 20W3
72F09-0002

88 driller's logs
(#SM 30 to 117-70)
Book 1 - 28 logs open, location map
Book 2 - 60 logs confidential, analyses, 3 maps
1970 *

UTILITY COALS LTD
Shaunavon area
COAL PROSPECTING PERMITS Nos 34 to 38
Townships 8 and 9 Ranges 17 and 18W3
72F09-0003

52 driller's logs
(#SM 200 to 251)
Book 1 - 17 logs open, location map
Book 2 - 34 logs confidential, analyses
1971 *

72-F-10

UTILITY COALS LTD
Shaunavon-Dollard area
COAL PROSPECTING PERMITS Nos 4 to 7, 11 to 33
Townships 5 to 8 Ranges 18 to 20W3
72F09-0002

88 driller's logs
(#SM 30 to 117-70)
Book 1 - 28 logs open, location map
Book 2 - 60 logs confidential, analyses, 3 maps
1970 *

* confidential

72-F-16

UTILITY COALS LTD
Shaunavon area
COAL PROSPECTING PERMITS Nos 34 to 38
Townships 8 and 9 Ranges 17 and 18W3
72F09-0003

52 driller's logs
(#SM 200 to 251)
Book 1 - 17 logs open, location map
Book 2 - 34 logs confidential, analyses
1971 *

72-G-1

AVONLEA MINERAL INDUSTRIES
Quantock area
PROSPECTING PERMIT No 10 (clay)
Sections N 1/2 10 and 15 Township 3-1W3
72G01-0004

12 ddh records
(#81-RX-1 to 12)
Location map 1:5000
Analyses:
1981-82 *

AVONLEA MINERAL INDUSTRIES LTD
Rockglen Saskatchewan area
PROSPECTING PERMIT No 3 (volcanic ash)
Township 3 Range 1W3
72G01-NE-0005

15 test hole logs (# 1 to 15)
Report, test hole location map
Analyses: compound LOI (samples x5)
1978

PE BEN INDUSTRIES
Rockglen area
PROSPECTING PERMIT No 1 (clay)
Lsd 3 and 6 Section 15-3-1W3
72G01-0001

17 core logs
(dh #1 to 17)
Dh location plan - page size
Brief comment by J H Hudson
1974 *

FLORANESE IMPORT EXPORT COMPANY
Rockglen area
PROSPECTING PERMIT No 1 (clay)
South half Section 15-3-1W3
72G01-0002

Drilling, coring, ceramic tests
(Willowbunch Member)
Report, 5 Tables, 15 Figures
1979

S P C
Fife Lake-Rockglen-Shaunavon-Coal Mine Lake-
Killdeer areas
COAL PROSPECTING PERMITS Nos 21 to 228
Townships 1 to 4 Ranges 20W2 to 4W3 and
Townships 6 to 8 Ranges 16 to 19W3
72G01-0003

Rdh, sampling and logging holes
Two evaluation reports 7 figures
(1- April 1972, 2-April 1973) by S H Whitaker
(also covers parts of 72-G-1, 72-H-2 3 4 6)
1971-72 *

S P C
Fife Lake-Rockglen-Shaunavon-Coal Mine Lake-
Killdeer areas
COAL PROSPECTING PERMITS Nos 21 to 228
Townships 1 to 4 Ranges 20W2 to 4W3 and
Townships 6 to 8 Ranges 16 to 19W3
72H-0003 and 72F09-0004

Rotary drilling, sampling and logging
Two evaluation reports by S H Whitaker
(1) April 1972, 30 Figures, (2) April 1973,
7 Figures
(also covering parts of 72-F-9, 72-H-2 3 4 6)
1971-72 *

Rdh, sampling (Ravenscrag Fm) and E, gamma,
density hole logging
2 reports, 37 figures by W A Menley
(also covers parts of 72-G-1, 72-H-2, 3, 4, 6)
1971-72 *

* confidential

72-G-8

AVONLEA MINERAL INDUSTRIES LTD
St Victor area
PROSPECTING PERMITS Nos 6 and 7 (bentonite)
Townships 5 and 6 Ranges 29W2 to 1W3
72H05-0001 (C.R.: 72G08-0001)

21 annotated drill hole logs with gamma logs
Memorandum: Evaluation of St Victor Bentonite (10 Shelby samples) by D Scarfe

1980

EKATON INDUSTRIES INC
Eastend and Wood Mountain areas
PROSPECTING PERMITS Nos 1 to 9, and 12 and 13 (kaolinite)
Townships 4-6 Ranges 2-5W3 and Townships 5-6 Ranges 19,20,22W3
72-0002

110 rdh records (# WM85-1 to 100 and ED85-1 to 10) drilled on the Eastend and Wood Mountain permits
Geological mapping, sampling, reserves and feasibility study
Report, 12 maps by P P Master
Progress report by J Hudson
Tests:
OPEN HOLES: WM85-4 to 7,15,18,19,22,23,50,57, 66 to 68,71 to 83,88 to 90,93 to 98, 100 and ED85-1 to 10

1985 *

EKATON INDUSTRIES INC
Wood Mountain area
PROSPECTING PERMIT No 16 (kaolinized sand, clay)
Townships 5 and 6 Range 2W3
72G08-0004

3 rdh logs (# WM85-101 to 103)
Report, 1 map by P P Master

1985 *

ESTEVAN BRICK
Gollier Creek-Elm Springs area
PROSPECTING PERMIT No 1 (clay) (Lease Y-6058)
Northwest quarter Section 17-5-2-W3
72G08-0002

18 drill logs
(#1 to 17, 3A)
Location sketch
Drilling summary by J H Hudson including reserve evaluation

1979 *

INLAND CEMENT INDUSTRIES LTD
St Victor area
PROSPECTING PERMITS Nos 2 and 3 (bentonite)
Townships 5 and 6 Ranges 29W2 to 1W3
72H05-0002

Shallow and deep auger drilling and sampling
148 drill logs - 72 shallow, 76 deep
Test results (viscosity, colloids, moisture, pelletizing, benefication)
Report by D Blender and D Scarfe (no map)

1973

VOGEL J
Pickthall-Twelve Mile Lake area
No 1 claim (S-77287)
Section 32-5-1W3
72G08-NE-0003

Trenching plan
Analyses: uraniferous lignite
(3 samples SRC)

1960

72-G-9

EKATON INDUSTRIES INC
Eastend and Wood Mountain areas
PROSPECTING PERMITS Nos 1 to 9, and 12 and 13 (kaolinite)
Townships 4-6 Ranges 2-5W3 and Townships 5-6 Ranges 19,20,22W3
72-0002

110 rdh records (# WM85-1 to 100 and ED85-1 to 10) drilled on the Eastend and Wood Mountain permits
Geological mapping, sampling, reserves and feasibility study
Report, 12 maps by P P Master
Progress report by J Hudson
Tests:
OPEN HOLES: WM85-4 to 7,15,18,19,22,23,50,57, 66 to 68,71 to 83,88 to 90,93 to 98, 100 and ED85-1 to 10

1985 *

* confidential

72-G-9 continued

UTILITY COALS LTD
Assiniboia area
COAL PROSPECTING PERMITS Nos 1 to 3, 8 and 9
Townships 6 and 7 Ranges 30W2 and 1W3
72H12-0002 (C.R.: 72G09-0001)

29 driller's logs
(#AM 1-69 to 29-69)
Report, map and cross sections by P H Shirley
Coal analyses: (1 sample)
1969

72-H

DOME PETROLEUM LTD
Willow bunch area
PERMIT No 1
Townships 3 to 5, Ranges 27 to 29W2
72H-0001

72 test hole records (#1 to 72)
Exploration report, 7 maps (geology, structure, isopach, assays and cross sections) by C O Hage
Additional report: Figs 3 5 6 7 revised
Assays: U_3O_8 (coal and ash)
1967

DOME PETROLEUM LTD
Buffalo Gap-Big Muddy area
PERMITS Nos 1 and 2
Townships 1 to 3 Ranges 21 to 26W2
72H-0002

127 test hole records (#100 to 226)
Exploration report, 5 maps (structure, isopach, assays and cross sections)
Assays: U_3O_8 and coal
1968

MASTER EXPLORATIONS LTD
Willow Bunch area
COAL PROSPECTING PERMITS Nos 1 to 134
Townships 1 and 2 Ranges 22 and 23W2 and
Townships 2 to 5 Ranges 25 to 29W2
72H-0004

157 driller's logs
(# between WBM 34 and 336)
Report, 2 maps, by P H Shirley
Coal analyses (cuttings)
(covering parts of 72-H-3 4 5 6)
1971 *

S P C
Fife Lake-Rockglen-Shaunavon-Coal Mine Lake-Killdeer areas
COAL PROSPECTING PERMITS Nos 21 to 228
Townships 1 to 4 Ranges 20W2 to 4W3 and
Townships 6 to 8 Ranges 16 to 19W3
72H-0003 and 72F09-0004

Rotary drilling, sampling and logging
Two evaluation reports by S H Whitaker
(1) April 1972, 30 Figures,
(2) April 1973, 7 Figures
(covering parts of 72-H-2 3 4 6)
1971-72 *

Rdh, sampling (Ravenscrag Fm) and E, gamma, density hole logging
2 reports, 37 figures by W A Menley
(also covers parts of 72-G-1, 72-H-2, 3, 4, 6)
1971-72 *

72-H-1

RAM PETROLEUMS LIMITED
Minton area
COAL PROSPECTING PERMITS Nos 45 to 70 (Block 3)
Townships 2 to 4 Range 19W2 and
Township 4 Range 20W2
72H01-0001

32 driller's logs
(#1 to 27, 73-07 to 09, 46, 47)
G-R, D logs (#73-07, 08, 09 only)
Report by Abscon Engineering including drilling report, 2 location maps, by D J Mossman
1972-73

* confidential

72-H-2

MASTER EXPLORATIONS LTD
Willow Bunch area
COAL PROSPECTING PERMITS Nos 1 to 134
Townships 1 and 2 Ranges 22 and 23W2 and
Townships 2 to 5 Ranges 25 to 29W2
72H-0004

157 driller's logs (# between WBM 34 and 336)
Report, 2 maps, by P H Shirley
Coal analyses (cuttings)
(covering parts of 72-H-3 4 5 6)

1971 *

PE BEN INDUSTRIES
Big Muddy Valley area
PROSPECTING PERMIT No 2 (clay)
Lsd 12-4-2-22-W2
72H02-0001

5 dh logs
(#1 to 4, 2A)
Outcrop and dh location map, page size
Brief comment by J H Hudson

1974

PE BEN INDUSTRIES
Big Muddy Valley area
PROSPECTING PERMIT No 3 (clay)
Lsd 1 and 2 Section 30-1-21W2
72H02-0002

7 dh logs
(#1 to 7)
Outcrop and dh location map, page size
Brief comment by J H Hudson

1974

RAM PETROLEUMS LIMITED
Regway area
COAL PROSPECTING PERMITS Nos 1 to 14 (Block 1)
Township 1 Ranges 20 and 21W2
72H02-0003

28 driller's logs (#28 to 55)
(No E logging or sampling)
Report, 2 maps, by D J Mossman

1972 *

RAM PETROLEUMS LIMITED
Minton area
COAL PROSPECTING PERMITS Nos 45 to 70 (Block 3)
Townships 2 to 4 Ranges 19W2 and
Township 4 Range 20W2
72H01-0001

32 driller's logs
(#1 to 27, 73-07 to 09, 46-47)
G-R, D logs (#73-07, 08, 09 only)
Report by Abscon Engineering including drilling report, 2 location maps, by D J Mossman

1972-73

S P C
Fife Lake-Rockglen-Shaunavon-Coal Mine Lake-Killdeer areas
COAL PROSPECTING PERMITS Nos 21 to 228
Townships 1 to 4 Ranges 20W2 to 4W3 and
Townships 6 to 8 Ranges 16 to 19W3
72H-0003 and 72F09-0004

Rotary drilling, sampling and logging
Two evaluation reports by S H Whitaker
(1) April 1972, 30 Figures,
(2) April 1973, 7 Figures
(covering parts of 72-H-2 3 4 6)

1971-72 *

Rdh, sampling (Ravenscrag Fm) and E, gamma, density hole logging
2 reports, 37 figures by W A Menley
(also covers parts of 72-G-1, 72-H-2, 3, 4, 6)

1971-72 *

72-H-3

AVONLEA MINERAL INDUSTRIES
Big Beaver area
West of PROSPECTING PERMIT No 8 (clay)
Sections 33 and 34 Township 1-24W2 and
Section 3 Township 2-24W2
72H03-0001

5 dh records
(#81-BBT-1 to 3, TA, TB)
Location map, page size
Analyses: chemical (6 auger plug samples)
physical (12 auger plug samples)

1981-81

* confidential

72-H-3 continued

AVONLEA MINERAL INDUSTRIES
Big Beaver area
PROSPECTING PERMIT No 12 (clay)
South half Section 4-2-24W2
72H03-0002

27 ddh records
(#81-BB1 to 10 range)
Location map (page size)
Analyses: chemical (55 auger plug samples)
physical (125 auger plug samples)
1981-82 *

MASTER EXPLORATIONS LTD
Willow Bunch area
COAL PROSPECTING PERMITS No 1 to 134
Townships 1 and 2 Ranges 22 and 23W2 and
Townships 2 to 5 Ranges 25 to 29W2
72H-0004

157 driller's logs (# between WBM 34 and 336)
Report, 2 maps, by P H Shirley
Coal analyses (cuttings)
(covering parts of 72-H-3 4 5 6)
1971 *

S P C
Fife Lake-Rockglen-Shaunavon-Coal Mine Lake-
Killdeer areas
COAL PROSPECTING PERMITS Nos 21 to 228
Townships 1 to 4 Ranges 20W2 to 4W3 and
Townships 6 to 8 Ranges 16 to 19W3
72H-0003 and 72F09-0004

Rotary drilling, sampling and logging
Two evaluation reports by S H Whitaker
(1) April 1972, 30 Figures,
(2) April 1973, 7 Figures
(covering parts of 72-H-2 3 4 6)
1971-72 *

Rdh, sampling (Ravenscrag Fm) and E, gamma,
density hole logging
2 reports, 37 figures by W A Menley
(also covers parts of 72-G-1, 72-H-2, 3, 4, 6)
1971-72 *

72-H-4

MASTER EXPLORATIONS LTD
Willow Bunch area
COAL PROSPECTING PERMITS No 1 to 134
Townships 1 and 2 Ranges 22 and 23W2 and
Townships 2 to 5 Ranges 25 to 29W2
72H-0004

157 driller's logs (# between WBM 34 and 336)
Report, 2 maps, by P H Shirley
Coal analyses (cuttings)
(covering parts of 72-H-3 4 5 6)
1971 *

SHELL CANADA LIMITED
Willow Bunch area
COAL PROSPECTING PERMITS Nos 1 to 23
Townships 3 and 4 Ranges 26 to 28W2
72H04-0001

80 dh
(#1 to 83, 3A, less 10, 25, 32,77)
Driller's and geophysical logs
(R, SP, G, NN, D)
Preliminary report
Drilling report, location map, fence diagram
Coal analyses: (core) 1972

72-H-5

AVONLEA MINERAL INDUSTRIES LTD
St Victor Saskatchewan area
PROSPECTING PERMIT No 4 (volcanic ash)
Township 6 Range 29W2
72H05-NW-0007

7 test hole drill logs (# 1 to 7)
Report, property location map
Analyses: compound LOI (samples x4)
1978

AVONLEA MINERAL INDUSTRIES LTD
St Victor area
PROSPECTING PERMITS Nos 6 and 7 (bentonite)
Townships 5 and 6 Ranges 29W2 to 1W3
72H05-0001

21 annotated drill hole logs with gamma logs
Memorandum: Evaluation of St Victor Bentonite
(10 Shelby samples) by D Scarfe
1980

* confidential

72-H-5 continued

EKATON ENERGY LTD
St Victor Saskatchewan area
PROSPECTING PERMIT No 10 (pumicite)
Township 6 Range 29W2
72H05-NW-0008

Reconnaissance geological mapping, prospecting and sampling of the property
Vertical channel sample main showing
Report, 1 map by P P Master
Tests: bleaching whiteness separation (samples x10) 1986

INLAND CEMENT INDUSTRIES LTD
St Victor area
PROSPECTING PERMITS Nos 2 and 3 (bentonite)
Townships 5 and 6 Ranges 29W2 to 1W3
72H05-0002 and 0003

Shallow and deep auger drilling and sampling
148 drill logs - 72 shallow, 76 deep
Test results (viscosity, colloids, moisture, pelletizing, benefication)
Report by D Blender and D Scarfe (no map) 1973

Follow-up program including detailed drilling, mining and testing
80 drill logs (8 areas)
Test results (viscosity, moisture, peletizing, chemical, plant and other)
Report, 8 maps, by D Blender and D Scarfe 1974

MANALTA COAL LTD
Coronach-Willow Bunch area
COAL PROSPECTING PERMITS Nos 1 and 2 (now leases C-11012-11022)
Township 2 Ranges 25, 26W2 and Townships 4, 5 Range 28W2
72H-0005

13 rbh (# E-1031B, E-1036, E-1037, E-1045, E-1051, BC-1014 to BC-1020 and BC-1022 - WILLOWBUNCH "E" AND "BC" PROJECTS), drill cutting descriptions and geophysical logs for all holes
NOTE: Rbh BC-1020 off confidential 1985 *

MANALTA COAL LTD
Willow Bunch area
COAL PROSPECTING PERMITS Nos 3, 4 and 5
Township 4 Ranges 28W2
72H05-0006

16 rbh (# B-1005,1006,1011,1015,1068,1075, 1076,1082,1083 to 1086, 1092 to 1094 and B-1100: WILLOWBUNCH "B" PROJECT), drill cutting descriptions and geophysical logs for all holes (logs stores: main well files - coal section)
Analyses: 1985 *

MANALTA COAL LTD/TRANS CANADA PIPELINES
Willow Bunch area
COAL LEASES
Townships 3 and 5 Ranges 26 to 29W2
72H05-0005

12 driller's core and E logs
(#WT-1-74 to 10A-74)
17 caliper-gamma-density logs (9 holes)
Report, map, by P H Shirley
Coal analyses 1974 *

MASTER EXPLORATIONS LTD
Willow Bunch area
COAL PROSPECTING PERMITS Nos 1 to 134
Townships 1 and 2 Ranges 22 and 23W2 and Townships 2 to 5 Ranges 25 to 29W2
72H-0004

157 driller's logs (# between WBM 34 and 336)
Report, 2 maps, by P H Shirley
Coal analyses (cuttings) (covering parts of 72-H-3 4 5 6) 1971 *

PE BEN INDUSTRIES
Willow Bunch-Bonneau Lake area
PROSPECTING PERMIT No 4 (clay)
Lsd 3 and 4 section 10-5-27W2
72H05-0004

17 core logs
(dh #1 to 14, 1A, 3A, 4A)
Outcrop and dh location map, page size
Reserve calculations
Brief comment by J H Hudson 1974

SHELL CANADA LIMITED
Willow Bunch area
COAL PROSPECTING PERMITS Nos 1 to 23
Townships 3 and 4 Ranges 26 to 28W2
72H04-0001

80 dh
(#1 to 83, 3A, less 10, 25, 32, 77)
Driller's and geophysical logs
(R, SP, G, N, D)
Preliminary report
Drilling report, location map, fence diagram
Coal analyses: (core) 1972

* confidential

72-H-6

MASTER EXPLORATIONS LTD
Willow Bunch area
COAL PROSPECTING PERMITS Nos 1 to 134
Townships 1 and 2 Ranges 22 and 23W2 and
Townships 2 to 5 Ranges 25 to 29W2
72H-0004

157 driller's logs (# between WBM 34 and 336)
Report, 2 maps, by P H Shirley
Coal analyses (cuttings)
(covering parts of 72-H-3 4 5 6)
1971 *

S P C
Fife Lake-Rockglen-Shaunavon-Coal Mine Lake-Killdeer areas
COAL PROSPECTING PERMITS Nos 21 to 228
Townships 1 to 4 Ranges 20W2 to 4W3 and
Townships 6 to 8 Ranges 16 to 19W3
72H-0003 and 72F09-0004

Rotary drilling, sampling and logging
Two evaluation reports by S H Whitaker
(1) April 1972, 30 Figures,
(2) April 1973, 7 Figures
(covering parts of 72-H-2 3 4 6)
1971-72 *

Rdh, sampling (Ravenscrag Fm) and E, gamma, density hole logging
2 reports, 37 figures by W A Menley
(also covers parts of 72-G-1, 72-H-2, 3, 4, 6)
1971-72 *

72-H-7

GRADEV SERVICES LTD
Green Lake-Hardy area
PROSPECTING PERMIT No 1 (sand, gravel, stone)
Township 6 Ranges 21 and 22W2
72H07-0001

Test holes (backhoe)
2 letters with test summary by E D McBride
2 location plans
Tests:
(Part now lease Y-6195) 1977 *

RAM PETROLEUMS LIMITED
Minton area
COAL PROSPECTING PERMITS Nos 45 to 70 (Block 3)
Townships 2 to 4 Range 19W2 and
Township 4 Range 20W2
72H01-0001

32 driller's logs
(#1 to 27, 73-07 to 09, 46, 47)
G-R, D logs (#73-07, 08, 09 only)
Report by Abscon Engineering including drilling report, 2 location maps, by D J Mossman
1972-73

72-H-8

RAM PETROLEUMS LIMITED
Minton area
COAL PROSPECTING PERMITS Nos 45 to 70 (Block 3)
Townships 2 to 4 Range 19W2 and
Township 4 Range 20W2
72H01-0001

32 driller's logs
(#1 to 27, 73-07 to 09, 46, 47)
G-R, D logs (#73-07, 08, 09 only)
Report by Abscon Engineering including drilling report, 2 location maps, by D J Mossman
1972-73

72-H-12

I XL INDUSTRIES
Willows area
PROSPECTING PERMIT No 1 (clay)
Section 7-8-28W2 and Section 1-8-29W2
72H12-0001

Project review (2 pages)
Clay sampling
Test results (raw and fired properties)
1974-76

* confidential

72-H-12 continued

UTILITY COALS LTD
Assiniboia area
COAL PROSPECTING PERMITS Nos 1 to 3, 8 and 9
Townships 6 and 7 Ranges 30W2 and 1W3
72H12-0002 (C.R.: 72G09-0001)

29 driller's logs (#AM 1-69 to 29-69)
Report, map and cross sections by P H Shirley
Coal analyses: (1 sample)
1969

72-H-15

CONTREX LIMITED
Truax area
PROSPECTING PERMITS Nos 1 and 2 (bentonite)
Townships 11 and 12 Range 21W2
72H15-0006 and 0007

134 drill hole logs
Report, 2 volumes, 2 maps by R L McPherson
1971-72 *

Shallow auger sampling, structural mapping, section plotting
Field notes, 6 maps, 2 sample location sketches by R L McPherson
Analyses
1972 *

FLIN FLON MINES LTD
Truax area
PROSPECTING PERMIT No 1 (bentonite)
Township 11 Ranges 21 and 22W2
72H15-0001 and 0002

Review of economic potential by R L Cheesman
1970 drill logs (#1 to 13, Section 24) Appendix
Analyses and test results (SRC, Ashland Chemicals)
1970-71 *

Prospecting, mapping and sampling
Report, 6 maps, by C A L Hogg
1971 *

FLIN FLON MINES LTD
Truax area
PROSPECTING PERMITS Nos 1 and 2 (bentonite)
Township 11 Ranges 21 and 22W2
72H15-0003, 0004 and 0005

1 cross section (#248, 234, 249)
5 drill hole location and reserve plans (dh #1 to 250)
(no report or logs)
1971 *

146 drill logs (#1-72 to 146-72)
Drilling report by C A L Hogg
6 drill hole location and reserve maps
1972 *

Bentonite testing
Weekly and monthly reports by John Hudson (SRC)
2 pellitizing test reports, IR 70-75 and Indusmin Project L-230
1972-73 *

INLAND CEMENT INDUSTRIES LTD
Truax area
PROSPECTING PERMIT No 1 (bentonite) (Y-6038)
South half Section 5 and north half Section 32
Townships 11 and 12 Range 21W2
72H15-0008

Shallow auger drilling and sampling (62 drill holes)
Report, map, by D Blender
Test results
1975 *

* confidential

72-I

SASKATCHEWAN HIGHWAYS AND TRANSPORTATION
Regina Beach Saskatchewan area
PROSPECTING PERMIT No 2 (sand, gravel, rock)
Section 11-21-22W2 (except lsd 15)
72I-0002

Prospecting using a truck mounted power auger
Brief letter by W A Ogilvie
NOTE: now partly covered by town of Lumsden Lease Y-6315

1984

SASKATCHEWAN HIGHWAYS AND TRANSPORTATION
Regina Beach Saskatchewan area
PROSPECTING PERMIT No 1 (sand and gravel)
Townships 20 and 21 Range 22W2
72I-0001

61 power auger test holes (# 31 to 92)
Photo mosaic location map
Brief letter from W A Ogilvie
Note: holes 37 to 39 in lease Y-6654, no holes in lease Y-5399

1986 *

72-I-5

GRADEV SERVICES LTD.
Lillestrom area
PROSPECTING PERMIT No 2 (sand and gravel)
Sections N 1/2 10 and 15-15-29W2
72I05-0001

Backhoe and auger testing
2 letters with test summary by E D McBride
Location plan
Tests:
(Part now lease Y-6504)

1978 *

72-I-10

IMPERIAL OIL LIMITED
Findlater-Lumsden area
SUBSURFACE MINERAL PROSPECTING PERMITS Nos 1 & 2
Townships 20 to 22 Ranges 21 to 26W2
72I14-0001

1964 work summary and core photography
Annual report (2 pages) by M M Hanna
Letter re seismic program by D H Parry
Colour photos of core: 11-11-20-22W2; 16-3-22-24W2; 9-3, 16-10, 16A-10-21-25W2; also 14-21-31-6W3

1964

SASKATCHEWAN HIGHWAYS AND TRANSPORTATION
Regina Beach Saskatchewan area
PROSPECTING PERMIT No 1 (sand and gravel)
Townships 20 and 21 Range 22W2
72I-0001

61 power auger test holes (# 31 to 92)
Photo mosaic location map
Brief letter from W A Ogilvie
Note: holes 37 to 39 in lease Y-6654, no holes in lease Y-5399

1986 *

72-I-11

SASKATCHEWAN HIGHWAYS AND TRANSPORTATION
Regina Beach Saskatchewan area
PROSPECTING PERMIT No 1 (sand and gravel)
Townships 20 and 21 Range 22W2
72I-0001

61 power auger test holes (# 31 to 92)
Photo mosaic location map
Brief letter from W A Ogilvie
Note: holes 37 to 39 in lease Y-6654, no holes in lease Y-5399

1986 *

W F BOTKIN CONSTRUCTION LTD
Buffalo Pound area
PROSPECTING PERMIT NO 3 (sand)
Section 11-19-24W2
72I11-0001

Test results (sieve analyses) 9 pages
(Part now lease Y-6145)

1976 *

* confidential

72-I-14

IMPERIAL OIL LIMITED
Findlater-Lumsden area
SUBSURFACE MINERAL PROSPECTING PERMITS
Nos 1 & 2
Townships 20 to 22 Ranges 21 to 26W2
72I14-0001

1964 work summary and core photography
Annual report (2 pages) by M M Hanna
Letter re seismic program by D H Parry
Colour photos of core: 11-11-20-22W2;
16-3-22-24W2; 9-3, 16-10, 16A-10-21-25W2;
also 14-21-31-6W3
1964

SASKATCHEWAN HIGHWAYS AND TRANSPORTATION
Regina Beach Saskatchewan area
PROSPECTING PERMIT No 1 (sand and gravel)
Townships 20 and 21 Range 22W2
72I-0001

61 power auger test holes (# 31 to 92)
Photo mosaic location map
Brief letter from W A Ogilvie
Note: holes 37 to 39 in lease Y-6654,
no holes in lease Y-5399
1986 *

SASKATCHEWAN HIGHWAYS AND TRANSPORTATION
Regina Beach Saskatchewan area
PROSPECTING PERMIT No 2 (sand, gravel, rock)
Section 11-21-22W2 (except lsd 15)
72I-0002

Prospecting using a truck mounted power auger
Brief letter by W A Ogilvie
NOTE: now partly covered by town of Lumsden
lease Y-6315
1984

W F BOTKIN CONSTRUCTION LTD
Findlater area
PROSPECTING PERMIT No 1 (gravel)
West half Section 29-21-25W2
72I14-0002

Backhoe testing
Brief note by W T Botkin (Sept 6, Oct 4)
Tests
(Part now lease Y-6144)
1976 *

72-I-15

SASKATCHEWAN HIGHWAYS AND TRANSPORTATION
Regina Beach Saskatchewan area
PROSPECTING PERMIT No 1 (sand and gravel)
Townships 20 and 21 Range 22W2
72I-0001

61 power auger test holes (# 31 to 92)
Photo mosaic location map
Brief letter from W A Ogilvie
Note: holes 37 to 39 in lease Y-6654,
no holes in lease Y-5399
1986 *

SASKATCHEWAN HIGHWAYS AND TRANSPORTATION
Regina Beach Saskatchewan area
PROSPECTING PERMIT No 2 (sand, gravel, rock)
Section 11-21-22W2 (except lsd 15)
72I-0002

Prospecting using a truck mounted power auger
Brief letter by W A Ogilvie
NOTE: now partly covered by town of Lumsden
lease Y-6315
1984

72-J

RURAL MUNICIPALITY OF CHAPLIN No 164
Chaplin Saskatchewan area
PROSPECTING PERMIT No 1 (sand, gravel and rock)
Section 5 (SW 1/4) Township 18 Range 4W3
72J-0001

6 backhoe test pits
Sample location map
Letter by P D Bauck
NOTE: now partly covered by lease Y-6808
1983

* confidential

72-J-3

AVONLEA MINERAL INDUSTRIES LTD
Neidpath Saskatchewan area
PROSPECTING PERMIT No 2 (volcanic ash)
Township 14 Range 11W3
72J03-NW-0002

Deposit sampling
Report "Pumicite Drilling"
Analyses: compound LOI (samples x4)

1978

PLAINSMAN CLAY LTD
Neidpath, Saskatchewan area
PROSPECTING PERMIT No 1 (clay)
Lsds 11 12 13 Section 14-14-11W3
72J03-0001

Outcrop bulk grab sample program
Detailed outcrop sampling
Analyses:

1981, 1984 *

72-J-5

AVONLEA MINERAL INDUSTRIES LTD
Waldeck Saskatchewan area
PROSPECTING PERMIT No 5 (volcanic ash)
Township 16 Range 12W3
72J05-0001

10 test hole drill logs (# 1 to 10)
Report, drill hole location map
Analyses: compound LOI (samples x5)

1978

72-J-9

RURAL MUNICIPALITY OF EYEBROW No 193
Central Butte Saskatchewan area
PROSPECTING PERMIT No 1 (gravel)
Section 3 (SW 1/4) Township 20 Range 3W3
72J09-NW-0001

16 backhoe test holes
2 letters by J Speir
Test hole location map
Test hole results map
Note: lsd 5 converted to lease Y-6959

1985 *

RURAL MUNICIPALITY OF CHAPLIN No 164
Chaplin Saskatchewan area
PROSPECTING PERMIT No 1 (sand, gravel and rock)
Section 5 (SW 1/4) Township 18 Range 4W3
72J-0001

6 backhoe test pits
Sample location map
Letter by D Bauck
NOTE: now partly covered by lease Y-6803

1983

72-J-10

RURAL MUNICIPALITY OF CHAPLIN No 164
Chaplin Saskatchewan area
PROSPECTING PERMIT No 1 (sand, gravel and rock)
Section 5 (SW 1/4) Township 18 Range 4W3
72J-0001

6 backhoe test pits
Sample location map
Letter by D Bauck
NOTE: now partly covered by lease Y-6808

1983

72-J-11-NW

RURAL MUNICIPALITY OF VICTORY No 226
Cruikshank Saskatchewan area
PROSPECTING PERMIT No 1 (gravel)
Section 28 (NW) Township 20 Range 10W3
72J11-NW-0001

6 backhoe test holes
Statement of work and sample location map

1987 *

* confidential

72-J-13-NW

RURAL MUNICIPALITY OF VICTORY No 226
Beechy Saskatchewan area
PROSPECTING PERMIT No 2 (gravel)
Section 34 (NE) Township 23 Range 12W3
72J13-NW-0001

5 backhoe test holes
Statement of work, sample location map

1987 *

72-J-16

GRADEV SERVICES LTD
Eyebrow area
PROSPECTING PERMIT No 1 (sand, gravel, rock)
Sections 25 26 27 and 34-22-1W3
72J16-0001

Test holes (backhoe?)
Letter with depths by E D McBride
(Part now lease Y-6857)

1983 *

72-K-1

AVONLEA MINERAL INDUSTRIES LTD
Duncairn Saskatchewan area
PROSPECTING PERMIT No 1 (volcanic ash)
Township 13 Ranges 15 and 16W3
72K01-0001

13 test hole drill logs (# 1 to 13)
Report, test hole location map

1978

72-K-2

TOMBILL MINES LTD
Vincent Lake
ALKALI LEASE A-4081 (sodium sulphate)
Townships 14 and 15 Range 22W3
72K02-0001 and 0002

Groundwater exploration, development, evaluation
Report, 23 driller's logs, sectons by V Beckie
Test results: (observation well)
Engineering study sodium sulphate and potassium sulphate plants by Stearns-Roger
Multistage potassium sulphate production flow sheets by SRC (1967)

1965 *

Test drilling by Underwood McLellan
86 dh logs (Dwg G-9, 10, 11, 12)
Location plan (Dwg G-8)
Report by J F Wade (missing Oct '83)
Analyses (SRC)

1966 *

72-K-6

RURAL MUNICIPALITY of PITTVILLE No 169
Freefight Lake area
PROSPECTING PERMIT No 2 (gravel)
Northeast Section 34-16-23W3
72K06-0001

Test hole drilling (auger)
Location plan
Letter by P Buchanan - clay and sand only

? 1978

* confidential

72-K-8

TOMBILL MINES LTD
Verlo and Snakehole Lakes
ALKALI LEASES A-4083 and 4151A
(sodium sulphate)
Townships 16 and 18 Range 18W3
72K08-0001

Test drilling by Underwood McLellan
43 dh logs (Dwg G-5, 7)
3 location plans (Dwg G-3, 4, 6)
Report by J F Wade
Analyses (SRC)

1966 *

72-N

LUSCAR LTD
MacKlin-Kerrobert Saskatchewan area
SASKATCHEWAN DEEP COAL PROJECT
LUSCAR COAL PROSPECTING PERMITS Nos 1 to 42
Townships 32-35 Ranges 28-35W3
72N-0001

Regional study, rock mechanics, reserves calculations, hydrogeological studies, mine feasibility study
1 ddh log (# 5-5-35-28W3)
Report, 30 maps by R F Engler
Analyses:

1987 *

72-N-4

TROY OILS LTD
Empress-Alsask area
Proposed COAL PROSPECTING PERMIT
Township 23 to 27 Range 27 to 29W3
72N04-0001

Request for permit
Sample analysis

1973-74

72-O

RURAL MUNICIPALITY OF MONET No 257
Elrose Saskatchewan area
PROSPECTING PERMIT No 1 (sand and gravel)
Section 2(N 1/2, SE 1/4) Township 26 Range 14W3
720-0001

50 backhoe test holes
Letter by M Rattray
2 test hole location maps

1983

72-O-4-NW

RURAL MUNICIPALITY OF MONET No 257
Elrose Saskatchewan area
PROSPECTING PERMIT No 1 (sand and gravel)
Section 2(N 1/2, SE 1/4) Township 26 Range 14W3
720-0001

50 backhoe test holes
Letter by M Rattray
2 test hole location maps

1983

72-O-5-SE

RURAL MUNICIPALITY OF MONET No 257
Elrose Saskatchewan area
PROSPECTING PERMIT No 1 (sand and gravel)
Section 2(N 1/2, SE 1/4) Township 26 Range 14W3
720-0001

50 backhoe test holes
Letter by M Rattray
2 test hole location maps

1983

* confidential

72-0-8

COLUMBIAN OIL LIMITED
South Allen-Young area
SUBSURFACE MINERAL PROSPECTING PERMIT NO 3
Townships 32-33 Ranges 28W2 to 3W3
72008-0001 (CR: 72F12-0001)

Geological study of potash project
Report, 4 maps, well data 4-29-32-28W2 and nearby wells by D L Surjik and W W Wilson

1966

72-0-9

IMPERIAL OIL LIMITED
Dundurn area
IMPERIAL WINGELLO WELL
Lsd 14-21-31-6W3
72I14-0001

Colour photo of potash core (Box 9)
(Part of Permits 1 and 2 submission)

1964

72-0-11-NW

CANADIAN PACIFIC RAILWAY
Harris Saskatchewan area
PROSPECTING PERMIT No 1 (sand, gravel and rock)
Now LEASE Y-6901
Lsd's 1,2,7,8 Section 12 Township 31 Range 10W3
72011-NW-0001

36 auger test hole descriptions, 1 test pit (Plenty pit) completed and bulk sampled
Sample and pit location maps
Letters by K Langston and R Stillitto
Analyses:

1984 *

72-0-16

COLUMBIAN OIL LIMITED
South Allen-Young area
SUBSURFACE MINERAL PROSPECTING PERMIT No 3
Townships 32 and 33 Ranges 28W2 to 3W3
72016-0002 (CR: 72P12-0001)

Geological study of potash project
Report, 4 maps, well data 4-29-32-28W2 and nearby wells, by D L Surjik and W W Wilson

1966

UNITED STATES BORAX & CHEMICAL CORPORATION
Bradwell-Allan area
SUBSURFACE MINERAL PROSPECTING PERMIT No 2A
Township 34 Ranges 1 and 2W3
72016-0001

Groundwater investigation of glacial till
Report, including well logs, pump tests and recovery data, by R S Brown
Analyses:

1962 *

72-P-3

LYNBAR MINING CORPORATION
Duval area
SUBSURFACE MINERAL PROSPECTING PERMIT KP-235
Township 25 Range 23W2
72P03-0001

Potash solution mining project by Kali Research and Development Co Ltd
Report No TPL-51-68 by H H Werner

1968

* confidential

72-P-5

W F BOTKIN CONSTRUCTION LTD
Vanzance Lake-Arm River area
PROSPECTING PERMITS Nos 5 and 6
(sand and gravel)
West half Township 28-28W2
72P05-0001

Brief description and test result summary
by L A Hoogeveen (No 5)
Petrographic description by E D McBride (No 6)
(Part now lease Y-6461)

1979, 1983 *

72-P-9

UNITED STATES BORAX & CHEMICAL CORPORATION
Big Quill Lake area
SUBSURFACE MINERAL PROSPECTING PERMIT No 1
Townships 31 and 32 Ranges 17 to 21W2
72P09-0001 (CR: 72P10-0003)

Subsurface mapping potash prospect
9 contour maps, 1 section, by M W Macafee

72-P-10

GENERAL PETROLEUMS OF CANADA LTD
Watrous area
SUBSURFACE MINERAL PROSPECTING PERMIT No 1
Townships 30 to 32 Ranges 21 and 22W2
72P10-0001

Potash reserves study by J C Sproule and Assoc
Report, 4 maps/sections by H A Gorrell
(Fig V missing Oct 1983)

1958

GENERAL PETROLEUMS OF CANADA LTD
Nokomis area
SUBSURFACE MINERAL PROSPECTING PERMIT No 2
Lsd 6-29-30-21W2
72P10-0002

Report concerning Brine Mining of Potash
by A S Dawson
Brining Potash Measures of Kutawagon #1 Well
by E W Douglass (solubility and cost study)
Progress reports on brining operations
by A B Roberts and J P Jackson

1956-59

UNITED STATES BORAX AND CHEMICAL CORPORATION
SUBSURFACE MINERAL PROSPECTING PERMIT No 1
Big Quill Lake area
Townships 31-32 Ranges 17-21W2
72P10-0003

Subsurface mapping potash project
9 contour maps, 1 section by M W Macaffe

1958

72-P-11

CAMPANA LIMITED
Watrous area
PROPOSED POTASH MINE & PROCESSING PLANT
Townships 31 and 32 Range 24W2
72P-0001

Project evaluation by Colorado School of
Mines Research Foundation
Report, 4 maps, 4 appendices, by R T Davis et al

1958

GENERAL PETROLEUMS OF CANADA INC
Nokomis area
SUBSURFACE MINERAL PROSPECTING PERMIT No 1
Townships 30-32 Ranges 21-22W2
72P10-0001

Potash reserves study by J C Sproule
and Assoc
Report, 4 maps/ sections by H A Gorrell
(Fig V missing Oct 1983)

1958

* confidential

72-P-12 and 13

COLUMBIAN OIL LIMITED
South Allen-Young area
SUBSURFACE MINERAL PROSPECTING PERMIT No 3
Townships 32 and 33 Ranges 28W2 to 3W3
72016-0002

Geological study of potash project
Report, 4 maps, well data 4-29-32-28W2 and nearby wells, by D L Surjik and W W Wilson
1966

72-P-14

DAFOE MINERALS LIMITED
Wolverine area
SUBSURFACE MINERAL PROSPECTING PERMIT No 1
Townships 34 and 35 Ranges 22 to 24W2
72P14-0001

Potash test drilling and review by J C Sproule
Report on operations by H A Gorrell including core description 4-13-35-25, map
Analyses: potash core
1969

W F BOTKIN CONSTRUCTION LTD
Plunkett area
PROSPECTING PERMIT No 8 (sand, gravel, rock)
Lsd 11 to 14 Section 29-33-24W2
72P14-0003

Prospect testing (backhoe)
Letter with test results by E D McBride
1983 *

WESTERN CONCRETE FINISHERS LTD
Wolverine area
PROSPECTING PERMIT No 1 (sand and gravel)
Section 32-33-24W2
72P14-0002

14 test pits (backhoe)
2 location plats
Test results (rock/lightweight %)
1981

72-P-16

COMINCO LTD
Big Quill Lake Saskatchewan area
BIG QUILL LAKE MAGNESIUM PROJECT
Townships 33 to 36 Ranges 17 to 19W2
72P16-0002

Report "Experimental Studies on Carnallite Processing" by B Gunn and D Storer
Report "Influence Of Brine On Clay Minerals" by H Maathius and J Hudson
Report "Concentration of Big Quill Lake Brine" by D H Filson and J W Spyker
NOTE: NOT assessment work
confidential 1974-81 *

ST MARY PARISH LAND COMPANY
Touchwood Hills area
SUBSURFACE MINERAL PROSPECTING PERMIT KP-261
Townships 29 and 30 Range 18W2
72P16-0001

Potash test drilling
(#16-32-29-18W2 and 10-20-30-18W2)
2 'Drilling and Geological' reports by Clare W Cawston (well data only)
1969

73

COMINCO LTD
NORTHERN SASKATCHEWAN OIL AND GAS WELLS
Lat 53° to 55° Long 105° to 110°
73-0001

Pb-Zn geochemical analyses of cores and cuttings from 80 wells, 141 pages
(covering parts of 73-F G H I J K O)
1966

GULF MINERALS CANADA LTD
NORTHERN SASKATCHEWAN OIL AND GAS WELLS
Lat 53° to 55° Long 105° to 110°
73-0002

Cu-Pb-Zn XRF analyses of well cuttings
Four volumes, 1031 pages
(covering parts of 73-F G H I J K O)
1976

* confidential

73-A-5

BISON PETROLEUM AND MINERALS LTD
Muskiki Lake
ALKALI LEASES A-4075 to 4077
Townships 38 and 39 Ranges 26 and 27W2
73A05-0001

Test drilling and sampling
2 reports, 2 maps, by D L Surjik and Assocs
Analyses:

1966-67

73-B-1

RURAL MUNICIPALITY OF GRANT No 372
Vonda Saskatchewan area
PROSPECTING PERMIT No 1 (sand, gravel, rock)
Section 29 (SW 1/4) Township 38 Range 1W3
73B01-NW-0002

Backhoe test holes
Letter by D E Dmytruk
Note: S 1/4 lsd 4 converted to lease Y-6874

1983 *

CANADA PERMANENT TRUST CO
Saskatoon-St Denis area
SUBSURFACE MINERAL PROSPECTING PERMIT No 3
Township 37 Ranges 1 to 5W3 and immediate area
73B01-0001

Geological study of potash prospect
Report, 9 maps, by D L Surjik and W W Wilson
Gamma log 1-22-37-1W3
Analyses: (potash core)

1967

73-B-2

CANADA PERMANENT TRUST CO
Saskatoon-St Denis area
SUBSURFACE MINERAL PROSPECTING PERMIT No 3
Township 37 Ranges 1 to 5W3 and immediate area
73B01-0001

Geological study of potash prospect
Report, 9 maps, by D L Surjik and W W Wilson
Gamma log 1-22-37-1W3
Analyses: (potash core)

1967

STAR BLACKTOP LTD
Saskatoon area
PROSPECTING PERMIT No 1 (sand)
Southwest quarter Section 11-37-5W3
73B02-0002

Test hole location map (c 96 holes)
Depth schedule
Explanatory letter from A E Fraser
Test results (soil cement and sieve analyses)

1968

73-B-6 and 7

CANADIAN EXPLORATION LIMITED
Langham area
SUBSURFACE MINERAL PROSPECTING PERMIT No 1
Townships 38 and 39 Ranges 7 and 8W3
73B06-0001 (same as 73B07-0001)

Potash core tests
Map showing location of test wells, tops and potash grades by C W Ball

1966

73-B-9

DEPARTMENT OF HIGHWAYS
Gabriel's Ferry - Batoche area
QUARRYING LEASES Y-5706 and 5707
Lsd 3/4-29-42-1W3 and Lsd 14-20-42-1W3
73B09-0001

Gravel pit log including sieve analyses
(Test holes # 1 to 27)
Dead haul plan

1968 *

* confidential

73-B-10

LAMB, LYLE
North Saskatchewan River claims
S-124168 to S-124189
Sections 14, 23, 24, 25-41-7W3
73B10-0001

Prospecting, panning, sluicing
1 map

1986 *

73-C-1

TOMBILL MINES LTD
Lydden and Eins Lakes
ALKALI LEASE A-4078 (sodium sulphate)
Townships 35 and 36 Ranges 17 and 18W3
73C01-0001

Test drilling (121 dh)
Report, 2 maps, by R V Tompkins
Analyses (SRC)

1965 *

73-C-6

CONTINENTAL (formerly WESTERN) POTASH
CORPORATION LIMITED
Vera-Unity area
SUBSURFACE MINERAL PROSPECTING PERMIT No 1
Townships 39 to 42 Ranges 23 to 25W3
(shaft NW Section 18-41-23W3)
73C11-0001

Property appraisal, solution mining experiment
Report on potash deposit and 2 work reports
by A S Dawson (from prospectus)
Report on field inspection by A J Williams

1951

Shaft sinking, mine and market studies
Geological, plant, market, economic reports
by L G Berry et al (from prospectus App 1 to 4)
Well data and map - tops, grade, thickness
Analyses: potash (core)

1954-55

SIFTO SALT (1960) LIMITED
Unity area
SUBSURFACE MINERAL PROSPECTING PERMIT No 1A
Township 40 Range 22W3
73C06-0001

Trump Plan solution mining experiment
Report 'Experimental development of Number 3
brine well at Unity' by W C Wandzura (Domtar)
Core log (#1 well) 15-4-40-22W3 - Appendix 1
Site and lease plans (1948 and 1950)

1967

73-C-7-NW

SASKATCHEWAN HIGHWAYS AND TRANSPORTATION
Scott Saskatchewan area
PROSPECTING PERMIT No 3 (sand, gravel, rock)
Section 11 (NW 1/4) Township 39 Range 20W3
73C07-NW-0001

Prospecting using a truck mounted flight
auger
Brief letter by W A Ogilvie

1984

* confidential

73-C-11

CONTINENTAL (formerly WESTERN) POTASH CORPORATION LIMITED
Vera-Unity area
SUBSURFACE MINERAL PROSPECTING PERMIT No 1
Townships 39 to 42 Ranges 23 to 25W3
(shaft NW Section 18-41-23W3)
73C11-0001

Property appraisal, solution mining experiment
Report on potash deposit and 2 work reports by A S Dawson (from prospectus)
Report on field inspection by A J Williams

1951

Shaft sinking, mine and market studies
Geological, plant, market, economic reports by L G Berry et al (from prospectus App 1 to 4)
Well data and map - tops, grade, thickness
Analyses: potash (core)

1954-55

73-F

B & R RANCHING and W A BONTER
Deer Creek to Milleton
NORTH SASKATCHEWAN RIVER claims
Townships 50 to 52 Ranges 23 to 24 W3
73F-0001

Gold panning report, 13 sketch maps, by W A Bonter
Assays: Au (sand)

1981

73-F-2-SW

GLUBRECHT, G T
North Saskatchewan River-Langmeade area
S-121884 claim
Lsd 4-2-47-20W3
73F02-SW-0001

Gold panning
Site plan (pans/colours)

1981

73-F-6

BONTER, BARRIE
North Saskatchewan River
S-122224 claim
Lsd 14-16-51-24W2
73F06-NW-0001

Gold panning
Site plan (pans/colours)

1981

BONTER, TESS
North Saskatchewan River
S-122694 claim
Lsd 3-12-51-23W3
73F06-SE-0005

Gold panning
Site plan (pans/colours)

1982

JOHNSON, MARTIN
Englishman-North Saskatchewan Rivers
S-122229, 30, 33,34 to 36, 38 39 claims
Section 6-50-21W3
73F06-SE-0002

Test hole location map only

1982

STEPHENS, RICHARD AND CHARLOTTE
North Saskatchewan River
S-122692 claim
Lsd 1-1-51-23W3
73F06-NW-0003

Gold panning
Site plan (pans/colours)

1981-8*

* confidential

73-F-6 continued

WHITTON, R C
North Saskatchewan River
S-122693 claim
Lsd 7-1-51-23W3
73F06-NW-0004

Gold panning
Site plan (pans/colours)

1981

73-F-12

GOLD MILLER RESOURCES LTD
North Saskatchewan River
172 claims (S-121691 to 122065, 124054 to 68)
Townships 52 and 53 Ranges 25 to 28W3
73F12-0002

Gold panning, sluicing, dredging, magnetometer test readings
Report, 15 river maps
Analyses:

Test:

1979-83 *

TAVES, BRUCE
North Saskatchewan River
S-124147 to 124150 claims
Townships 52 and 53 Ranges 24 to 26W3
73F12-0003 and 0004

Panning and sluicing
Claims plan with Au values

? 1985 *

Prospecting, sluicing, panning
1 page report and 3 sketches by B Taves

1986 *

73-G-12

GOLDEN EAGLE OIL AND GAS LIMITED
Edward Lake area
SUBSURFACE MINERAL PROSPECTING PERMIT No 1-KP217
Township 54 Range 12W3 and area
73G12-0001

Sulphur test drilling
2 geological reports by P J Clarke
Analyses: S spectroscopic (core)

1967-69

73-H-7

IREX (KELSEY LAKE DEVELOPMENT CO/IPSCO)
Fort a la Corne-Choiceland area
CHOICELAND IRON DEPOSIT - GENERAL FILE
Township 50 Range 18W2
73H07-0003

General reports, feasibility studies, departmental memos, reserve calculations,

1957-64

73-H-7-SE

ANDERSON, W H and Ron Norman (IPSCO)
Fort a la Corne-Choiceland area
NIP claims Nos 1 to 10, WE 57 to 78, 80 to 87
Township 50 Range 18W2
73H07-SE-0006

Ground magnetic survey
Report, map, by J A Syme

1959

* confidential

73-H-7-SE continued

INTERPROVINCIAL STEEL CO (IPSCO)
Fort a la Corne-Choiceland area
WE claims Nos 59, 61 and 62
Section 23 Township 50 Range 18W2
73H07-SE-0001

3 ddh records (A S Dawson)
(IPSCO #1, 2 and 3)
Plan of magnetic high, ddh and geological interpretation by A S Dawson
3 core logs (#1 LSB, 2 and 3 SJTK) 1959

IREX MINING SYNDICATE (TRUST)
Fort a la Corne-Choiceland area
MD claims Nos 1 to 48, ANN 1 to 16, HD 1 to 18
Townships 49 and 50 Range 18W2
73H07-SE-0004

Ground magnetic survey
Report, 2 maps, by A L Parres
1955-56

IREX MINING SYNDICATE (TRUST)
Fort a la Corne-Choiceland area
MD, ANN, HD claims
Township 50 Range 18W2
73H07-SE-0005

Gravity survey by Radar Exploration Co
(Sections 3 4 9 10 15 16)
Report, map, 6 profiles by G R Johnson
1956

KELSEY LAKE DEVELOPMENT CO (IREX)
Fort a la Corne-Choiceland area
HD claims
Sections 3, 4 and 9 Township 50 Range 18W2
73H07-SE-0002

Well completion data log Irex #1 - A L Parres
Core logs Irex #2 to 5 - J B Mawdsley
Imperial California Standard Fort a la Corne 8-9-50-18 lithological log
Property report, 3 maps, by M H Frohberg
Well profile by G Hutch 1957-59

73-H-8

PLANT, FRANK S
Lost River area
SILVER FOX No 3 and MC 72869 claims
Lsd 12-11-50-17W2
73H08-SW-0001

3 trenching plans
1959-64

73-H-9-SW

EMDEE EXPLORATION (Kelsey Lake Development Co)
Kelsey Lake area
BOG claims Nos 3 to 6, 11 to 14
Section 21 Township 53 Range 17W2
73H09-SW-0005

Ground magnetic survey (Section 21)
Report, map, by T M Church
1958

FAIRWAY EXPLORATIONS LTD
Kelsey Lake area
KELSEY No 27 claim
Lsd 7-21-53-17W2
73H09-SW-0002

1 ddh record, section, E log with lithology
(Fairway-Kelsey #1)
Progress report by D Genzwill
Location map 1 in = 500 ft
Assays: Fe (core) 1971

73-H-9

DMR-DREE
Kelsey Lake area
KELSEY LAKE IRON DEPOSIT
Township 53 Range 17W2
73H09-SW-0006

7 ddh reports by R L McPherson
(#1-20 4-21 7-21 8-21 6-22 7-22 5-24)
Ore reserve Estimate based on '75 drilling
Drill Core Assays and Correlations
Box of Kelsey core slides
Geophysical report, 3 maps, by J V Suryam
1975

73-H-9 continued

GOVERNMENT OF SASKATCHEWAN
KELSEY LAKE IRON DEPOSIT
Kelsey Lake area
Township 53 Range 17W2
73H09-SW-0007 to 0010

Feasibility Study entitled "Iron Ore Facilities of The Choiceland and Kelsey Lake Areas" by Kilborn Ltd. and Hatch Associates
Note: updated version is 73H09-SW-0010
(August 1975) open April 1987

Feasibility study entitled "Evaluation of The Kelsey Lake Deposit for the Department of Industry and Commerce" by H E Neal and Associates
(June 1976) open April 1987

Feasibility study entitled "Financial Evaluation of the Kelsey Lake Iron Ore Deposit" by P Halbett
(June 1977) open April 1987

Feasibility study entitled "Capital And Operating Costs For Concentrator, Pellet Plant, Surface Facilities And Infrastructure" by Kilborn Ltd and Hatch Associates
(September 1977) open April 1987

IREX MINING SYNDICATE (TRUST)
Kelsey Lake area
BOG claims 1 to 17, LAKE 1 to 7 and others
Township 53 Range 17W2
73H09-SW-0004

Ground magnetic (Sections 20 to 22) and gravity (Sections 16 21 28) surveys by Radar ExplorationCompany
Report, 2 maps, profiles, by R G Johnson
1956

LEE, L W ET AL
Kelsey Lake area
MARGE No 3 and SWAMP No 2 claims
Lsd 2 and 3 Section 27-53-17W2
73H09-SW-0003

1 trenching plan
1956

SHELKIE, W
Garrick, Saskatchewan area
LUCKY claims Nos 1 and 2
Township 53 Range 17W2
73H09-0001

Trenching - trenching plan
1956

73-J-4

REDI-MIX LIMITED
Prendergast area
PROSPECTING PERMIT No 13 (sand and gravel)
Sections 22 and 23 Township 59-14W3
73J04-0001

Drilling and sampling
Brief report, plan, 1 in = 300 ft, by E D McBride
"Material located is of no economic value"
1971

73-J-5

REDI-MIX LIMITED
Beaver River-Green Lake area
PROSPECTING PERMIT No 12 (sand and gravel)
Townships 63 and 64 Range 13W3 and Township 63 Range 14W3
73J05-0001

Drilling and sampling
Brief report, map 4 in = 1 mile, by E D McBride
1971

PROPERTY INDEX

The following index lists properties as claims, claim blocks, permits, leases, reservations, special agreements and other areas.

Four categories of permit are listed, each administered under different regulations of the Mineral Resources Act. Mineral Prospecting Permits (MPPs) fall under the Mineral Disposition Regulations and assessment work is confidential for six years from date of receipt or when the property lapses, whichever is sooner. Work submitted on or after 8 April, 1986 falls under the Crown Minerals Act and assessment work is confidential for three years from the date of receipt or when the property lapses, whichever is sooner. Prospecting Permits are administered under the Quarrying Regulations; Subsurface Mineral Prospecting Permits (KPs) under the Subsurface Mineral Regulations, and Coal Prospecting Permits (no longer current) under the Coal Mining Regulations. None of these latter regulations specify the confidentiality period. In this catalogue work on current permits or those that later went wholly or partially to lease is shown as confidential (unless the lease has expired).

CLAIMS

Name	Page	Number	Page
ANN	36	S-72869	36
BOG	36,37	S-77287	17
HD	36	S-109315 TO 109346	12,13
KELSEY No 27	36	S-121691 TO 122065	35
LAKE	37	S-121884	34
LUCKY Nos 1 and 2	37	S-122224	34
MARGE No 3	37	S-122229 TO 122230	34
MD	36	S-122233 TO 122236	34
N SASK RIVER	34	S-122238 TO 122239	34
NIP	35	S-122692	34
SILVER FOX No 3	36	S-122693	35
SWAMP No 2	37	S-122694	34
WE	35,36	S-124054 TO 124068	35
		S-124147 TO 124150	35
		S-124168 TO 124189	33

CLAIM BLOCKS

Number	Page	Number	Page
CBS 3250	14	CBS 6881	8,9
CBS 3274	14	CBS 6893	8,9
CBS 3276 TO 3278	14	CBS 6894	11
CBS 3281 TO 3294	12,13	CBS 6895	7,8
CBS 4000	5,6	CBS 6898	10
CBS 4001	5,6	CBS 6904	7
CBS 4003	10	CBS 6905	7
CBS 4005	6	CBS 6906	6,10
CBS 4006	5,6	CBS 6934	9
CBS 4778	5,9,10	CBS 6945	8
CBS 4779	10	CBS 6948	7,9
CBS 4780	10	CBS 8370	8
CBS 4781	10	CBS 8465	9
CBS 4939	5	CBS 8531	9
CBS 4940	6,9	CBS 8532	9
CBS 4948	6	CBS 8533	9
CBS 6880	7	CBS 8534	9

MINERAL PROSPECTING PERMITS

Company	Number	Page
Athabasca Columbia Mining Ltd	Permit No 1	12,13
Athabasca Columbia Mining Ltd	Permit No 2	12,13
Comaplex	Permit No 10	10
Dome Petroleum Ltd	Permit No 1	12,13,18
Dome Petroleum Ltd	Permit No 2	12,13,18
Gulf Minerals Canada Ltd	Permit No 20	4
Ravenscrag Uranium Ltd	Permit No 1	12,13
Ravenscrag Uranium Ltd	Permit No 2	12,13
S M D C	Permit No 29	11
S M D C	Permit No 30	4,5,6
Scotaire Exploration Ltd	Permit No 1	14
Scotaire Exploration Ltd	Permit No 2	14
Scotaire Exploration Ltd	Permit No 3	14
Scotaire Exploration Ltd	Permit No 4	14
Scotaire Exploration Ltd	Permit No 5	14
Scotaire Exploration Ltd	Permit No 6	14
Scotaire Exploration Ltd	Permit No 7	14
	MPP 1044	4
	MPP 1089	11
	MPP 1090	4,5,6
	MPP 1091	14
	MPP 1092	14
	MPP 1093	14
	MPP 1105	10
	MPP 1119	14
	MPP 1144	10,11
	MPP 1151	10,11

PROSPECTING PERMITS

Company		Permit	Mineral	Page
Avonlea Mineral Industries Ltd		No 1	volcanic ash	27
Avonlea Mineral Industries Ltd		No 2	volcanic ash	26
Avonlea Mineral Industries Ltd		No 3	volcanic ash	16
Avonlea Mineral Industries Ltd		No 4	volcanic ash	20
Avonlea Mineral Industries Ltd		No 5	volcanic ash	26
Avonlea Mineral Industries Ltd		No 6	bentonite	17,20
Avonlea Mineral Industries Ltd		No 7	bentonite	17,20
Avonlea Mineral Industries Ltd		No 8	clay	19
Avonlea Mineral Industries Ltd		No 10	clay	16
Avonlea Mineral Industries Ltd		No 12	clay	20
Canadian Pacific Railroad		No 1	sand, gravel, rock	29
Contrex Limited		No 1	bentonite	23
Contrex Limited		No 2	bentonite	23
Ekaton Industries Inc		No 1	kaolinite	11,14,17
Ekaton Industries Inc		No 2	kaolinite	11,14,17
Ekaton Industries Inc		No 3	kaolinite	11,14,17
Ekaton Industries Inc		No 4	kaolinite	11,14,17
Ekaton Industries Inc		No 5	kaolinite	11,14,17
Ekaton Industries Inc		No 6	kaolinite	11,14,17
Ekaton Industries Inc		No 7	kaolinite	11,14,17
Ekaton Industries Inc		No 8	kaolinite	11,14,17
Ekaton Industries Inc		No 9	kaolinite	11,14,17
Ekaton Industries Inc		No 10	pumicite	21
Ekaton Industries Inc		No 12	kaolinite	11,14,17
Ekaton Industries Inc		No 13	kaolinite	11,14,17
Ekaton Industries Inc		No 16	kaolinized sand, clay	17
Estevan Brick		No 1	clay	17
Estevan Brick		No 2	clay	1
Estevan Brick		No 3	clay	1
Flin Flon Mines Ltd		No 1	bentonite	23
Flin Flon Mines Ltd		No 2	bentonite	23
Floranese Import Company		No 1	clay	16
Gradev Services Ltd	(1977)	No 1	sand, gravel, stone	22
Gradev Services Ltd	(1983)	No 1	sand, gravel, rock	27

PROSPECTING PERMITS (continued)

Company	Permit	Mineral	Page
Gradev Services Ltd	No 2	sand, gravel	24
I XL Industries	No 1	clay	22
Inland Cement Industries	No 1	bentonite	23
Inland Cement Industries	No 2	bentonite	17,21
Inland Cement Industries	No 3	bentonite	17,21
Medicine Hat Brick and Tile Company	No 1	clay	14,15
Medicine Hat Brick and Tile Company	No 2	clay	14,15
Pe Ben Industries	No 1	clay	16
Pe Ben Industries	No 2	clay	19
Pe Ben Industries	No 3	clay	19
Pe Ben Industries	No 4	clay	21
Plainsman Clay Ltd	No 1	clay	26
Red Deer Silica Inc	No 1	silica sand	4
Redi-Mix Limited	No 12	sand, gravel	37
Redi-Mix Limited	No 13	sand, gravel	37
Rural Municipality of Chaplin No 164	No 1	sand, gravel, rock	25,26
Rural Municipality of Cymri No 36	No 1	sand, gravel	2
Rural Municipality of Eyebrow No 193	No 1	gravel	26
Rural Municipality of Garry No 245	No 1	gravel	3
Rural Municipality of Grant No 372	No 1	sand, gravel, rock	32
Rural Municipality of Monet No 257	No 1	sand, gravel	28
Rural Municipality of Orkney No 244	No 1	gravel	3
Rural Municipality of Orkney No 244	No 2	gravel	3
Rural Municipality of Pittville No 169	No 2	gravel	27
Rural Municipality of Victory No 226	No 1	gravel	26
Rural Municipality of Victory No 226	No 2	gravel	27
Saskatchewan Highways & Transportation	No 1	sand, gravel	24,25
Saskatchewan Highways & Transportation	No 2	sand, gravel, rock	24,25
Saskatchewan Highways & Transportation	No 3	sand, gravel, rock	33
S M D C and Red Deer Silica Ltd	No 1	cement	4
S M D C and Red Deer Silica Ltd	No 2	cement	4
S M D C and Red Deer Silica Ltd	No 3	cement	4
Star Blacktop Ltd	No 1	sand	32
W F Botkin Construction Ltd	No 1	gravel	25
W F Botkin Construction Ltd	No 3	sand	24
W F Botkin Construction Ltd	No 4	sand, gravel, rock	4
W F Botkin Construction Ltd	No 5	sand, gravel	30
W F Botkin Construction Ltd	No 6	sand, gravel	30
W F Botkin Construction Ltd	No 8	sand, gravel, rock	31
Western Concrete Finishers Ltd	No 1	sand, gravel	31

SUBSURFACE MINERAL PROSPECTING PERMITS

Compnay	Permit	Mineral	Page
Apollo Minerals Ltd	No 1	potash	3
Campana Limited ?	No 1	potash	30
Canada Permanent Trust Co	No 3	potash	32
Canadian Exploration Limited	No 1	potash	32
Canberra Oil Company	No 1	potash	2
Columbian Oil Limited	No 3	potash	29,31
Continental Potash Corporation Limited	No 1	potash	33,34
Dafoe Minerals Limited	No 1	potash	31
General Petroleums of Canada Ltd	No 1	potash	30
General Petroleums of Canada Ltd	No 2	potash	30
Golden Eagle Oil and Gas Limited KP-217	No 1	potash	35
Imperial Oil Limited	No 1	potash	24,25
Imperial Oil Limited	No 2	potash	24,25
International Minerals & Chemical Corp	No 1	potash	2
International Minerals & Chemical Corp	No 2	potash	2
Lynbar Mining Corporation	KP-235	potash	29
Potash Corporation of Saskatchewan	KP-262	potash	2,3
St Mary Parish Land Co	KP-261	potash	31
Sifto Salt (1960) Limited	No 1A	salt	33
United States Borax & Chemical Corporation	No 1	potash	30
United States Borax & Chemical Corporation	No 2A	groundwater	29
Western Potash Corporation Limited	No 1	potash	33,34

COAL PROSPECTING PERMITS

Company	Numbers	Page
Manalta Coal Ltd	1 and 2	21
Manalta Coal Ltd	3 to 5	21
Master Explorations Ltd	1 to 134	18,19,20,21,22
Luscar Ltd	1 to 42	28
Luscar Ltd	43 and 44	1
Ram Petroleums Ltd	1 to 14	19
Ram Petroleums Ltd	45 to 70	18,19,22
Saskatchewan Power Corporation	7 to 20	1
Saskatchewan Power Corporation	21 to 228	15,16,18,19,20,22
Shell Canada Limited	1 to 23	20,21
Troy Oils Ltd	proposed	28
Utility Coals Ltd	1 to 3	18,23
Utility Coals Ltd	4 to 7	15,23
Utility Coals Ltd	8, 9	18,23
Utility Coals Ltd	10	1
Utility Coals Ltd	11 to 33	15
Utility Coals Ltd	34 to 38	15,16
Utility Coals Ltd	45 to 49	2

LEASES

Number	Company	Mineral	Page
A-4075	Bison Petroleum and Minerals Ltd	sodium sulphate	32
A-4076	Bison Petroleum and Minerals Ltd	sodium sulphate	32
A-4077	Bison Petroleum and Minerals Ltd	sodium sulphate	32
A-4078	Tombill Mines Ltd	sodium sulphate	33
A-4081	Tombill Mines Ltd	sodium sulphate	27
A-4083	Tombill Mines Ltd	sodium sulphate	28
A-4151A	Tombill Mines Ltd	sodium sulphate	28
C-11012	Manalta Coal Ltd	coal	21
C-11013	Manalta Coal Ltd	coal	21
C-11014	Manalta Coal Ltd	coal	21
C-11015	Manalta Coal Ltd	coal	21
C-11016	Manalta Coal Ltd	coal	21
C-11017	Manalta Coal Ltd	coal	21
C-11018	Manalta Coal Ltd	coal	21
C-11019	Manalta Coal Ltd	coal	21
C-11020	Manalta Coal Ltd	coal	21
C-11021	Manalta Coal Ltd	coal	21
C-11022	Manalta Coal Ltd	coal	21
Y-5399	Saskatchewan Highways	sand, gravel	24,25
Y-5706	Department of Highways	gravel	32
Y-5707	Department of Highways	gravel	32
Y-6038	Inland Cement Industries Ltd	bentonite	23
Y-6058	Estevan Brick	clay	17
Y-6144	W F Botkin Construction Ltd	gravel	25
Y-6145	W F Botkin Construction Ltd	gravel	24
Y-6195	Gradev Services Ltd	sand, gravel, stone	22
Y-6315	Saskatchewan Highways	sand, gravel, rock	24,25
Y-6399	Rural Municipality of Garry No 245	gravel	3
Y-6461	W F Botkin Construction Ltd	sand, gravel	3,30
Y-6504	Gradev Services Ltd	sand, gravel	24
Y-6654	Saskatchewan Highways	sand, gravel	24,25
Y-6660	Rural Municipality of Cymri No 36	sand, gravel	2
Y-6808	Rural Municipality Chaplin No 164	sand, gravel, rock	25
Y-6857	Gradev Services Ltd	sand, gravel, rock	27
Y-6901	Canadian Pacific Railroad	sand, gravel, rock	29
Y-6959	Rural Municipality Eyebrow No 193	gravel	26

COAL RESERVATION

Company	Area	Page
Manitoba and Saskatchewan Coal Co Ltd	West-central Saskatchewan	12

SPECIAL AGREEMENT

Company	Area	Mineral	Page
Northern Silica Limited	Red Deer River	silica sand	3

OTHER AREAS

Company	Area/Project	Page
Athabasca Columbia Mining Ltd	Ravenscrag Farmout	12,13
B & R Ranching and W A Bonter	North Sask River Claims	34
Campana Limited	Proposed potash mine & plant	30
Cominco Ltd	Big Quill Lake Magnesium	31
Cominco Ltd	Northern oil gas wells	31
Department of Energy & Mines/DREE	Kelsey Lake Iron Deposit	36
Department of Indian & Northern Dev	Helium Permit H-112	7
Government of Saskatchewan	Kelsey Lake Iron Deposit	37
Gulf Minerals Canada Ltd	Northern Oil gas wells	31
Imperial Oil Limited	Imperial Wingello well	29
Indian Reserves No 29 and 29A	Red Earth area	7,9
Irex, Ipsco, Kelsey Lake Development	Choiceland iron deposit	35
Luscar Ltd	Deep Coal Project	28
Manalta Coal Ltd	Willow Bunch coal leases	21
Manitoba and Saskatchewan Coal Co Ltd	Bienfait expansion project	1
Northern Nuclear Resources	Uraniferous lignites	12,13
Red Earth Indian Band	Indian Reserve 29	7,9
S M D C	Cypress Hills Project	14
S M D C and Red Deer Silica Ltd	Hudson Bay Cement Project	4
Sakatchewan Power Corporation	Mined out coal leases	1
Sakatchewan Power Corporation	Boundary Dam area	1
Trans Canada Pipelines	Willow Bunch coal leases	21